

Table 6

185	109711_at	0.009401	1183.55	1703.07	473401H18Rik	AI036922	NM_023247
186	110269_at	0.003439	847.9	1307.23	Bdh	AW045975	NM_175177
187	110330_at	0.001952	910.8	1258.83	BC026996	AI843917	NM_201407
188	110763_at	0.001317	3244.1	4491.6	Hdac11	AI835406	NM_144919
189	110826_at	0.000317	200.95	333.8	C730042F1Rik	AW122152	NM_028091
190	111402_at	0.006066	959.7	1338.77	---	AI851217	NM_001001183
191	111816_at	0.004633	2000.22	2796.33	Ampd2	AI853182	NM_028779
192	111821_at	0.002843	1211.53	1784.27	1110014P06Rik	AI847255	NM_028634
193	111845_at	0.00103	3212.33	5557.53	---	AW049453	---
194	111894_at	0.007182	493.5	688.53	Mzpl32	AA734460	NM_029271
195	111915_at	0.000423	519.38	708.43	1500003022Rik	AI585944	NM_025897
196	112353_at	0.008446	952.43	1491.57	ORF61	AI156772	NM_001003949
197	112356_at	0.002238	380.35	644.63	---	AW061229	---
198	112392_at	0.002864	346.82	605.4	1810027120Rik	AI834768	NM_026950
199	112791_at	0.000425	1518	3076.97	FKrp	AI839070	NM_173430
200	112845_at	0.005023	1836.42	2588.47	4121402020Rik	AI850655	NM_028722
201	113129_at	0.003172	2730.95	3868	111003P22Rik	AI836839	NM_144522
202	113211_at	0.000505	343.33	706.47	BC023126	AW049974	NM_015807
203	113564_at	0.002173	647.98	1202.93	1810014F10Rik	AI837984	NM_026928
204	113578_at	0.006237	546.32	799.83	Csrp2bp	AW125290	NM_181417
205	114002_at	0.007595	399.18	589.77	5730578N08Rik	AI573804	NM_025693
206	114311_at	0.008943	614.6	802.57	Uchl5	AW214698	NM_019562
207	114994_at	0.000068	1754.78	2268.93	Rfx1	AW050047	NM_009055
208	115038_i_at	0.00256	562.85	768.97	Fbxo34	AW046955	NM_030236
209	115735_r_at	0.00246	790.52	1248.97	C6	AI326046	NM_016704
210	108783_at	0.000058	1072.38	1489.7	Shc2	AI835933	XM_125779
211	109363_at	0.000706	1917.87	2606.4	Adar	AI847526	NM_019655
212	109415_at	0.000484	833.52	1221	Hook1	AI646948	NM_030014
213	109999_at	0.002607	1202.83	2090.9	2310046N15Rik	AW123653	NM_133765
214	111515_at	0.00419	1198.63	2213.9	2810008D09Rik	AW060320	---
215	111532_at	0.007295	1334.05	1813.67	2510002C16Rik	AW123028	NM_134134
216	111945_f_at	0.009272	3559.27	3959.63	AV312086	AA611185	NM_172635
217	111966_at	0.000583	670.83	1374.5	Hist3h2ba	AI836766	NM_030082
218	112033_at	0.005492	994.08	1781.6	4833424P18Rik	AA967479	NM_029017
219	112416_at	0.001132	1765.92	2400.2	Ctdspl	AA607067	NM_133710
220	112472_at	0.0029	285.77	471.37	---	AI286746	NM_139064
221	112900_at	0.001843	777.55	1554.6	Mzpl32	AA682034	NM_026401
222	112913_at	0.003273	668.37	931.33	mKIAA1064	AI836838	NM_198631

Table 6

223	112971_at	0.004279	291.18	444.67	201001120Rik	AI614107	NM_025912
224	113293_at	0.007163	374.67	613.5	9030019H09	AM124722	KM_139515
225	113308_at	0.001658	252.72	466.9	Stard8	AI836469	NM_199018
226	113310_f.at	0.004477	2627.22	3625.27	Mjd	AA175228	---
227	113671_at	0.002582	148.67	254.4	Dpys	AI786732	NM_022722
228	114069_at	0.000113	550.63	1067.17	---	AI844797	NM_001013390
229	114088_at	0.005273	2023.85	3199.23	Vamp1	AI850070	NM_009496
230	114451_at	0.000303	1696.63	2237.73	---	AI848332	NM_001024927
231	114772_r.at	0.004095	1559.87	2090.4	BC004091	AA615126	NM_178408
232	114832_at	0.002089	371.68	829.4	BC023296	AI197451	NM_153545
233	115160_at	0.000376	2943.38	3890.5	---	AA763164	---
234	115190_at	0.001019	350.88	499.67	Piasy	AA671180	NM_021501
235	116058_at	0.002029	369.32	485.83	2900057K09Rik	AI854413	---
236	116105_at	0.002465	1330.23	1917.47	AI30092J06Rik	AA739339	NM_175511
237	116642_f.at	0.000426	197.02	359.43	2310036D22Rik	AI852563	NM_027992
238	116645_at	0.008214	576.5	919.13	1500005I02Rik	AI836077	NM_028055
239	116671_at	0.000196	853	1095.17	2700079M14Rik	AM123023	NM_145426
240	116676_at	0.008231	3285.13	4726.17	Cdc42	AM125122	NM_009861
241	116986_at	0.007468	1427.87	2050.7	Cpt1c	AM120935	NM_153679
242	117085_at	0.005335	1119.48	1589.13	Cablest	AI849884	NM_022021
243	117101_at	0.002605	454.32	674.53	---	AI852766	NM_177102
244	117199_at	0.000098	367.7	511.2	---	AI891940	NM_023348
245	117228_at	0.000646	1173.68	1522.7	6330406P08Rik	AI846872	NM_028710
246	117272_at	0.005551	654.28	849.3	2810423G08Rik	AI839715	NM_028139
247	106935_at	0.007426	955.03	1301.9	1110001114Rik	AI854179	NM_197985
248	107002_at	0.002127	795.7	1251.13	2410004F01Rik	AI265696	NM_178379
249	107420_at	0.004436	907.03	1864.63	---	AM050036	NM_027395
250	108440_at	0.000072	367.45	632.73	3100002B05Rik	AA832882	NM_026664
251	108969_at	0.000476	429.15	754.87	Msi1h	AA220091	NM_008629
252	108973_at	0.006285	445.03	598.7	Ubel1dc1	AA958878	NM_025692
253	108985_at	0.002197	1484.98	1907.27	4933412D19Rik	AM060678	NM_026229
254	109016_at	0.004951	1076.25	1299.3	---	AI891634	KM_622387
255	110157_at	0.008634	1207	1909	BC024814	AM124961	NM_146247
256	111204_at	0.002867	1979.57	3120.87	E030034P13Rik	AI841766	NM_153791
257	112268_at	0.003716	587.28	911.83	Phox1	AM123077	NM_016670
258	112269_at	0.00255	977.37	1356.87	II14	AM123962	NM_001005506
259	112729_at	0.002574	882.23	1246.2	9530025L16Rik	AA644819	NM_175256
260	113070_at	0.007222	1058.13	1495.5	---	AA959975	NM_019775

Table 6

261	113524_at	0.001573	389.7	649.07	Pdtx	AI747428	NM_175094	
262	115269_at	0.006245	558.45	856.27	Bin3	AI155952	KM_358314	
263	115334_at	0.003624	772.05	1155.23	---	AI449433	---	
264	115608_at	0.000338	156.87	395.97	---	AI639736	NM_011861	/// NM_178365
265	115695_r at	0.002248	6887.38	8508	---	AA412794	NM_008338	
266	116035_at	0.007307	307.9	477.07	---	AI506333	NM_183186	
267	116178_at	0.002795	477.45	721.3	Hmg2	AA980725	---	
268	116497_at	0.004787	230.6	362.87	---	AI448331	---	
269	104778_at	0.005275	491.25	619.57	---	4933426E2IRik	AI503093	NM_001029912
270	104861_at	0.002302	234.13	380.8	AI530037C04Rik	AI552305	KM_283647	
271	105207_at	0.000109	295.78	480.27	---	AU021865	---	
272	105402_at	0.003119	733.37	1083.57	---	AI390493	---	
273	105469_at	0.000899	356.6	593.37	BC019560	AI642424	---	
274	105511_at	0.002842	945.28	1321.73	SIc5a6	AI315627	NM_177870	
275	105701_at	0.006714	378.28	506.63	---	AI848869	---	
276	105740_at	0.007968	486.48	596.73	BC019560	AI847378	KM_125947	
277	105832_at	0.001682	584.15	985	---	AI849717	NM_030743	
278	105906_at	0.002523	132.15	210.07	Trim39	AI852109	NM_024468	
279	105482_at	0.00895	855.9	1306.77	---	AI874856	NM_001004146	
280	107298_at	0.005573	2315.32	3566	---	AM050310	KM_489103	
281	107336_i at	0.00607	2671.47	3616.33	---	1300019N10Rik	AW121748	KM_125636
282	107364_at	0.008037	207	306.83	---	AM048457	---	
283	109428_at	0.007118	1010.37	1550.27	---	AW125725	NM_009623	
284	109522_at	0.000376	3797.75	5971.4	---	AI593259	NM_026937	
285	110124_at	0.003116	264.63	356.17	---	6430573D20Rik	AI647471	NM_172689
286	111631_at	0.001125	733.18	1020.93	---	6720456H20Rik	AM208456	NM_172600
287	106745_f at	0.005442	4377.45	5612.97	---	AM046521	---	
288	109816_s at	0.004153	900.82	1395.43	---	AI323922	NM_011521	
289	109817_f at	0.002717	1235.85	1989.67	---	AI893828	NM_009941	
290	162573_at	0.002354	2385.57	3517.13	---	5330410G16Rik	AM045610	NM_182991
291	162659_at	0.001618	574.55	929.87	---	AI173486	AI846824	NM_178928
292	162696_at	0.002467	1617.95	2785.9	---	AI021221	NM_026042	
293	162745_at	0.008912	385.25	618.83	---	Pfdn4	AI852266	NM_001013369
294	162762_at	0.000032	1158.02	1805.77	---	AW122369	NM_001001881	
295	162771_at	0.009651	1469.02	1814.4	---	0610007H07Rik	AW123990	NM_026617
296	162806_at	0.00013	2272.35	4602.03	---	2410004H02Rik	AI154996	NM_145954
297	162833_at	0.003899	1929.67	3256.33	---	4833436C18Rik	AI849772	KM_131380
298	162890_at	0.004985	710.37	1139.03	---	AA915262	NM_175347	

8of12

Table 6

299	162922_at	0.005438	641.85	854.63	2210021A15R1k	AI836263	NM_020000	/// NM_173719
300	162972_at	0.000604	309.03	472.17	Esam1 AW121268	NM_027102		
301	163093_at	0.001693	2511.67	4626.23	Mcoln1 AI841374	NM_053177		
302	163171_at	0.007207	1124.43	1491.1	2610204M08R1k	AW125550	NM_198411	
303	163190_at	0.000032	205.7	361.97	Acvrl1 AI115505	NM_009612		
304	163360_at	0.001406	787.57	1192.3	AI834996	NM_172993		
305	163370_at	0.002001	434.45	671.93	Osbp13 AI591488	NM_027881		
306	163394_at	0.008345	302.3	454.67	2810021J22R1k	AI592554	NM_172403	
307	163409_at	0.002303	325.6	619.4	6330505F04R1k	AI627048	NM_172779	
308	163533_at	0.00424	602.92	883.9	4933405A16R1k	AI854299	NM_028943	
309	163544_at	0.006873	1540.55	2010.6	2610020H15R1k	AA982674	NM_025638	
310	163552_at	0.008006	1171.73	1731.33	Ft1z1 AW045450	NM_011813		
311	163663_at	0.000921	1128.97	1711.47	AI846080	NM_017377		
312	163711_at	0.003639	241.08	301.3	Pknox1 AW121685	NM_016670		
313	163785_at	0.004872	344.45	560.33	5730528L13R1k	AW108543	NM_028137	
314	163842_at	0.001025	777.48	1121.27	AI036408			
315	163955_at	0.005303	661.9	1061.03	9130404D08R1k	AV227289	NM_028993	
316	164045_at	0.000231	413.67	664.1	AV342167	NM_001013792		
317	164148_at	0.000674	1007.4	1939.1	Gt12 AI834913	NM_144513		
318	164228_at	0.000235	1737.85	2403.97	Ces1 AI663823	NM_021456		
319	164280_f_at	0.007612	542.43	771.67	AV160326	NM_080595		
320	164293_at	0.007067	1273.75	1741.63	AV208915	NM_023374		
321	164305_at	0.009515	136.95	237	AV237879			
322	164317_f_at	0.005138	898.18	1241.27	AV232343	NM_145475		
323	164377_f_at	0.009126	3339.72	3954.67	AV322737	NM_001013256	/// NM_026889	
324	164461_f_at	0.003416	316.72	492.33	AV175309	NM_026130	/// XM_618904	
325	164483_r_at	0.005709	2639.6	3668.67	AV253034			
326	164491_at	0.00699	91.5	162.5	AV263513			
327	164530_f_at	0.00306	1101.67	1605	AV350292	NM_198326	/// XM_485605	
328	164531_f_at	0.001657	908.78	1450.7	AV350397	NM_011106		
329	164613_f_at	0.004985	798.77	1084.2	AV147547	NM_023464		
330	164666_f_at	0.005389	313.7	473	AV269214	NM_172958		
331	164717_f_at	0.000386	274.8	427.63	AV053535			
332	164725_f_at	0.003162	113.63	238.37	AV083420			
333	164749_f_at	0.001946	1964.2	3755.23	AV154443			
334	164768_f_at	0.004505	1171.32	1465.77	AV228982	NM_026499		
335	164832_f_at	0.000277	1507.23	2047.67	AV337321	NM_172723		
336	164849_f_at	0.00047	1561.93	2337.93	AV369221	NM_001013256	/// NM_026889	

9of12



337	164885_f_at	0.005436	634.37	835.33	---	AV335220	NM_009142						
338	164935_r_at	0.006057	533.93	1451.97	---	AV373702	NM_011292	///	XM_484272	///	XM_485172	///	XM_619390
XM_621124 /// XM_622628													
339	164992_f_at	0.000023	1477.85	2185.23	---	AV228551	NM_025949						
340	165039_r_at	0.001198	3194.63	4364.57	---	AV371114	NM_133967						
341	165093_i_at	0.001988	280.33	473.17	---	AV369281	NM_026399						
342	165198_f_at	0.009403	223.13	289.57	---	Prpf4b	AV114845	NM_013830					
343	165292_i_at	0.000869	431.12	663.07	---	AV232226	NM_026580						
344	165300_i_at	0.004547	421.92	682.53	---	AV240127							
345	165329_r_at	0.000101	1101.85	1881.23	---	AV313208	NM_019705						
346	165357_f_at	0.00544	528.68	862.4	---	AV020220	NM_007748						
347	131445_at	0.004654	368.92	527.93	---	Thoc1	AI425987	NM_021522					
348	129246_at	0.006912	1254.38	1699.47	---	AI428284							
349	129251_r_at	0.000002	305.32	410.13	---	261051	AI17R1k	AW047226					
350	129278_at	0.006084	524.55	1038.1	---	Pnkp	AI049061	NM_028398					
351	129302_at	0.005548	378.27	609.53	---	Calm2	AI505018	NM_007589					
352	134734_at	0.000939	1363.93	2019.6	---	AI451645							
353	135202_at	0.000529	2869.73	4120.73	---	AA420310							
354	135210_at	0.003151	967.58	1611.37	---	Polg	AI503064	NM_145946					
355	135613_at	0.009104	396.6	650.13	---	Trim41	AI505867	XM_618865					
356	136652_at	0.003224	3563.5	4442.97	---	AA727186							
357	137531_at	0.007166	3750.72	5324.67	---	AI661034							
358	137542_at	0.001115	1000.15	1640.5	---	AA881470	AI550484	NM_172724	///	NM_181066			
359	137556_r_at	0.003017	917.75	1541.17	---	AI606152							
360	138968_f_at	0.002585	3534.68	4482.63	---	Adcy5	AW121902	NM_001012	765				
361	139276_at	0.000775	1453.57	1923.77	---	AW046131	XM_127272						
362	139527_at	0.008924	2592.8	3571.47	---	493047	IK13R1k	AW049290	NM_181074				
363	140327_at	0.000494	1967.2	3181.23	---	HC024683	AI448717	XM_130930					
364	140884_at	0.009964	655.88	935.23	---	AW122178	NM_023140						
365	134405_at	0.001249	5073.05	6639.93	---	Egr3	AI662230	NM_018781					
366	134465_at	0.006687	1582.18	2421.8	---	Tu1p3	AW123799						
367	135355_at	0.002362	2587.43	7430.73	---	AW228646							
368	137328_at	0.009135	2921.62	4366.53	---	AW060579	NM_011611	///	NM_170701	///	NM_170702	///	NM_170703
NM_170704													
369	137357_at	0.004708	436.9	923.7	---	AW123227							
370	131556_at	0.006405	587.27	1034.3	---	AI415469							
371	131760_at	0.001896	601.72	1001.97	---	AI427568							
372	131796_at	0.005496	573.93	896.8	---	AI173484	NM_008130						

Table 6

373	133451_at	0.00998	2101.48	2569.83	---	AI448289	NM_010137	
374	133702_at	0.000113	2434.38	3077.27	---	A430091022Rik	AI462128	NM_183024
375	135755_at	0.001832	563.27	832.77	---	2400009B08Rik	AI851656	XM_358687
376	135781_at	0.000218	931.13	1267.73	---	AI893789	---	
377	136291_at	0.004104	1005.18	1363.77	---	AI838424	---	
378	136675_at	0.002229	2619.27	3643.63	LOC328644	AI851743	NM_198629	
379	136735_at	0.002376	987.53	1248.97	---	AI851100	---	
380	137152_at	0.000923	749.17	1066.43	---	AI956837	---	
381	165779_i_at	0.007481	1371.25	2051.17	---	AM124292	NM_183019	
382	165868_f_at	0.00451	519.55	1042.67	---	Rp112	AV291803	NM_009076 /// XM_483963 /// XM_488372
383	165985_r_at	0.008426	1611.72	2166.37	---	RbmX	AV140020	NM_011252
384	166016_at	0.002723	983.22	1351.67	---	AV088695	NM_029410	
385	166118_i_at	0.002471	1726.27	2410.1	Rad51ap1	AV115378	NM_009013	
386	166294_r_at	0.00108	1431.55	2200.97	---	1700023A16Rik	AV206425	XM_132958
387	166305_r_at	0.00791	1394.95	2184.13	---	AV324925	---	
388	166313_r_at	0.003994	4703.68	5936.87	Stch	AV345032	NM_030201	
389	166348_r_at	0.004586	1577.62	2689.77	---	120006019Rik	AV231740	NM_026164
390	166414_at	0.003456	333.78	490.93	---	AV363105	---	
391	166527_f_at	0.001139	460.57	675.3	---	AV303385	NM_133248	
392	167054_at	0.003687	622.6	819.43	---	AV027113	NM_026124	
393	167107_at	0.001228	1097.58	1432.1	---	AV166053	---	
394	167117_at	0.003495	2668.18	4214.83	---	AV018720	---	
395	167283_at	0.009409	1056.03	1636.4	---	AV030511	---	
396	167512_f_at	0.00119	1269.7	1453.73	---	Irf7	AV223110	NM_016850
397	167545_r_at	0.005518	8752.68	12633.57	---	4933411G11	AV280327	NM_177880
398	167592_at	0.004422	735.63	986.73	---	AV363034	---	
399	167677_r_at	0.004575	3304.42	5938.1	---	AV227924	NM_008566	
400	167951_at	0.00029	1186.98	1774.1	---	AV234690	---	
401	168177_r_at	0.007552	5159.7	7265.4	---	AV155024	NM_009947	
402	168181_i_at	0.007284	1610.82	2201.9	---	Rps3	AV169767	NM_012052
403	168292_i_at	0.000165	3390.67	5698.53	---	AV304486	NM_145376	
404	168299_f_at	0.009694	791.88	1205.07	---	AV090198	---	
405	168482_f_at	0.005318	8095.22	10498.13	---	2410002F23Rik	AV257046	NM_025880 /// XM_619964
406	168678_r_at	0.002372	800.5	1149.8	---	AV216405	---	
407	168688_r_at	0.001009	393.35	662.53	---	AV218740	NM_080726	
408	168820_at	0.002882	238.5	360.4	---	AV296698	---	
409	168847_r_at	0.000441	1495.52	2340.8	---	AV301836	NM_007856	
410	168947_f_at	0.009147	1022.97	1661.2	---	AV081155	XM_358706	

11of12

411	168956_f_at	0.003982	1892.52	2275.07	---	AV092698	NM_026027	
412	169005_f_at	0.00592	919.97	1359.53	---	AV122385	XM_133134	
413	169135_r_at	0.008561	418.65	728.33	---	AV235986	NM_148673	/// NM_198936
414	169396_r_at	0.000008	1861.47	3561.6	---	AV101367	XM_132830	
415	169448_r_at	0.001931	1746.32	2722.77	---	AV168418	NM_145620	
416	169457_r_at	0.004902	7486.23	9743.47	---	AV169944	NM_026380	
417	169465_s_at	0.001751	1272.07	1840.7	---	AV156900	NM_028454	
418	169766_r_at	0.008856	809.23	1128.17	---	AV101347	NM_026797	
419	169773_r_at	0.001645	2036.37	3037.5	---	AV102460	NM_010094	
420	169784_at	0.003852	1795.65	2334.77	---	AV111532	---	
421	169799_r_at	0.00123	999.85	1568.47	---	AV124293	NM_020560	
422	169815_i_at	0.002303	736.78	1132.67	---	AV139932	---	
423	170164_r_at	0.004691	664.03	1059.03	---	170058F15R1k	AV046567	---
424	170384_r_at	0.000024	716.55	1256.57	---	AV325109	NM_138744	
425	170411_at	0.008023	899.83	1184.4	---	AV333428	NM_033574	/// NM_033575 /// NM_033576 /// NM_033577
NM_033578	/// NM_033579	/// NM_033580	/// NM_033581	/// NM_033582	/// NM_033583	/// NM_033584	/// NM_033585	/// NM_033586
NM_033587	/// NM_033588	/// NM_033589	/// NM_033590	/// NM_033591	/// NM_033592	/// NM_033593	/// NM_033594	/// NM_033595
426	170475_r_at	0.003811	574.03	837.6	---	AV211425	NM_008558	
427	170480_at	0.009995	1855.45	2554.8	---	AV216313	NM_008532	
428	170586_r_at	0.007752	11135.92	14950.93	---	AV258212	XM_354949	
429	170587_at	0.002239	1729.27	2222.63	---	AV258254	---	
430	170932_at	0.007319	1606.8	1854.67	---	AV102105	NM_133964	
431	171010_at	0.00151	202.08	329.5	---	AV329897	---	

Table 7

Monocular deprivation (16 days) versus control									
Upregulated in long term MD									
Significance criterion = 0.01									
i	affyid	p	MD	control	gene				
1	93496_at	0.001065	2210.77	1456.13	Elovl5	AI852098	NM_134255		
2	93604_f_at	0.004539	9387.4	1017.73	Igsf4	AF061260	NM_001025600	///	NM_018770
3	93784_at	0.005441	830.25	659.9	Cfqp	AB010828	NM_011801		
4	93839_at	0.007824	7403.2	4968.97	Rtn3	AI854888	NM_001003930	///	NM_001003933
NM_053076									
5	94252_at	0.002222	4544.57	3108.47	Eif2s3x	AJ006587	NM_012010		
6	94260_at	0.004891	1520.25	1128.4	3110040D16Rik	AI850352	XM_126172		
7	95472_f_at	0.003514	1266.1	899.47	Ugcrb	AI526902	NM_026219		
8	96607_at	0.002949	1399.73	951.07	1500003003Rik	AW124902	NM_019769		
9	96614_at	0.005938	633.45	451	4933426M11Rik	AA763368	NM_178682		
10	97292_at	0.004692	5721.33	2778.47	---	AI845225	XM_283848		
11	98894_at	0.00423	286.13	161	2610016F04Rik	AA867655	XM_619217		
12	98915_at	0.000485	699.92	198.77	Rnf149	AI849082	---		
13	96884_at	0.003098	534.78	444.63	Carhsp1	AI847631	NM_025821		
14	98083_at	0.006518	829.23	537.37	Copeb	AW049031	NM_011803		
15	98150_at	0.004737	3282.83	2476.53	Rab11b	I26528	NM_008997		
16	98535_at	0.00354	1011.75	671.1	Comt	AF076156	NM_007744		
17	100047_at	0.006132	17404.58	12237.27	Snap25	M22012	NM_011428		
18	100536_at	0.006952	4511.23	2729.03	Mobp	AI839662	NM_008614		
19	100566_at	0.001289	2740.92	969.9	Igfbp5	I12447	NM_010518		
20	101035_at	0.005254	629.15	477.07	Apis	U35846	NM_007466		
21	101590_at	0.003644	440.5	231.3	Lamp2	AI747194	NM_001017959	///	NM_010685
22	101980_at	0.005831	537.2	409.97	Rpo2tc1	J03750	NM_011294		
23	102316_at	0.003714	765.63	488.1	Capn5	Y10656	NM_007602		
24	102743_at	0.005928	2407.53	1344.4	Mapt	M18776	NM_010838		
25	103330_at	0.006775	725.28	426.47	Spnr	AI838709	NM_009261		
26	103807_at	0.00284	744.47	615.17	Wiz	AB012265	NM_011717	///	NM_212437
27	103913_at	0.008205	1704.25	1327.7	Sec61a2	AI851315	NM_021305		
28	104119_at	0.004214	971.88	593	AW060714	AI845028	NM_146084		
29	104609_at	0.003119	723.3	499.67	Bsc12	AA644817	XM_355145		
30	104611_at	0.002351	486.55	333.97	Wdr26	AI854008	---		
31	94977_at	0.009688	3498.05	1846.7	Itpr1	K15373	NM_010585		
32	96734_at	0.002392	861.82	622.47	Synj2bp	AA674143	NM_025292		
33	96806_at	0.003309	513.18	317.07	Lpin2	AI843802	NM_022882		

Table 7

34	97923_at	0.004944	3344	2039.37	111004B15Rik	AW046532	XM_620756
35	97935_at	0.003091	1302.42	826.67	4121402D02Rik	A1842970	NM_028722
36	98993_at	0.001233	3665.95	3061.53	PPp2r5c	U59418	NM_012023
37	99049_at	0.000165	605.55	362.37	Casp2 D28492	NM_007610	
38	99440_at	0.000439	818.93	377.3	NEfb Y07686	NM_008687	
39	99465_at	0.009284	1057.13	632.17	Mecp2 A1132922	NM_010788	
40	99510_at	0.008967	10491.18	8212.37	Ptkcb X59274	NM_008855	
41	100959_at	0.003333	1442.18	1191.43	S100a13	X59921	NM_009113
42	101933_at	0.007513	587.12	316.67	Rab10 AF035646	NM_016676	
43	102646_at	0.005149	556.98	367.23	Murr2 AW122284	XM_483996	
44	102922_at	0.002632	642.52	505.5	1110020B03Rik	A1851387	NM_145823
45	102936_at	0.007706	1108.28	542.43	B4gal16	AW125314	NM_019737
46	103678_at	0.002629	3506.9	2388.37	Sbnol A1841139	XM_355637	
47	103791_at	0.0049	143.7	65.2	Narg1 AW048763	NM_053089	
48	103924_at	0.000138	1584.38	1154.3	D8Ert319e	AW048884	NM_026792
49	104461_at	0.005179	663.2	264.67	Pik3ca	AW121773	NM_008839
50	92243_at	0.00388	1113.38	907.03	1810017N16Rik	AA117417	XM_356186
51	92378_at	0.004056	668.08	373.2	Ptprz1	A1849305	XM_620293
52	92749_at	0.004005	1945.85	870.93	Gabrb1	U14418	NM_008069
53	92947_s_at	0.009653	14760.57	8200.83	Gria2 X57498	NM_013540	
54	93485_at	0.007685	2156.5	1079.7	---	A1844911	NM_001014288
55	96496_g_at	0.007926	1753.43	787.3	Myt1l U86338	NM_008666	/// NM_011211
56	97793_at	0.001502	525.62	168.9	Gria3 AB022342	NM_016886	
57	98386_s_at	0.003688	746.1	497.1	Cacna1c U17869	NM_009781	
58	101684_r_at	0.002656	686.48	353.5	---	X67863	NM_009276
59	160393_at	0.005312	1875.2	1153.37	493055L11Rik	A1853226	XM_284250
60	160483_at	0.00351	2482.17	1530.63	Tcf4 U16322	NM_013685	
61	160603_at	0.001371	514.82	228.13	Pparbp	AF000294	NM_013634
62	160760_at	0.003051	835.27	555.1	Ptprk l10106	NM_008983	/// NM_134027
63	160772_i_at	0.007225	599.22	340.97	D11Ert30e	AW214428	NM_148673
64	160859_s_at	0.008753	537.78	257.67	NEfb Y07685	NM_008687	/// NM_198936
65	161119_at	0.002125	399.42	248.73	Epha5 A1854630	NM_007937	
66	161329_f_at	0.005965	1303.55	955.97	---	AV107153	NM_009798
67	163302_at	0.001409	860.72	551.6	M113 A1851028	XM_355579	
68	108556_at	0.004647	1634.8	905.5	BC036333	A1851581	NM_153592
69	110752_at	0	2538.12	1310.47	943002M17Rik	AW122288	NM_010905
70	110760_at	0.005432	884.83	535.23	Zfp198	A1047555	NM_029498
71	110858_at	0.005877	4567.12	3251.53	B930006L02Rik	AW121823	NM_178764
72	111832_at	0.000946	1651.57	975.87	---	AA930337	NM_172827
73	111916_at	0.005079	1763.05	1165.33	Hmg20a	A1841396	NM_025812

3 of 6

Table 7

113	107435_at	0.003557	742.42	441.7	BC030940	AM047093	NM_177710	
114	107874_at	0.003869	754.02	490.53	B230380D07Rik	AI848418	NM_172772	
115	107880_at	0.00681	2048.37	958.07	---	AI846611	NM_030719	
116	109647_at	0.004	1312.78	982.07	E030026I10Rik	AI021441	NM_008687	
117	110202_at	0.002491	2449.53	1350.07	Zfp148	AA656577	NM_011749	
118	111305_at	0.003389	1627.45	1080.47	---	AM121459	---	
119	111685_at	0.003633	1114.58	850.47	C330019G07Rik	AW228742	NM_194340	
120	111767_at	0.00303	2654.45	1518.33	Pura	AM120920	NM_008989	
121	112245_at	0.001069	329.22	135.8	---	AM122302	XM_355205	
122	112682_at	0.003122	480.8	283.33	Kif1b	AM060517	NM_008441	/// NM_207682
123	113031_at	0.005395	1087.4	300.43	---	AI132545	NM_172522	
124	113425_at	0.003781	3628.7	1276.27	Ppplr9a	AA986447	NM_181595	
125	114185_at	0.005665	925.7	459.7	C030011014Rik	AI428234	NM_174868	
126	114255_at	0.007305	525.95	338.5	---	AM046418	---	
127	114866_at	0.00387	2405.67	1709.13	MGC68340	AM120833	NM_198620	
128	116236_at	0.009092	537.58	399.57	---	AM120485	---	
129	116241_at	0.008445	1308	878.7	---	AA137949	---	
130	116557_at	0.000134	1451.5	1147.87	D5Wsu178e	AI853125	NM_027652	
131	116709_at	0.007174	876.48	500.23	---	AM122414	NM_011990	
132	104940_at	0.007792	521.02	312.53	---	AI465338	XM_355332	
133	105742_at	0.001726	1728.47	1097.83	Sdcca98	AI835291	NM_011785	
134	105785_at	0.000147	3504.42	1446.13	---	AI854032	---	
135	105792_at	0.000359	579.72	299.37	---	AI839905	XM_142269	
136	106101_at	0.001455	1915.97	1033.1	9030406N13Rik	AI853221	NM_172495	
137	106463_at	0.008382	411.22	232.4	---	AI850334	XM_129010	
138	106817_at	0.001218	1907.63	1184.13	---	AM122996	---	
139	106892_at	0.00129	860.87	372.57	---	AM124490	NM_001014288	/// NM_011211
140	107812_at	0.006233	1611.4	1194.03	4930565N16Rik	AA637079	XM_125517	
141	108308_at	0.007609	719	544.7	A730011F23Rik	AM124712	XM_620260	
142	108313_at	0.007108	2204.12	1665.07	AM550801	AM124523	NM_013761	
143	108865_at	0.004066	453.67	285.03	---	AM146426	---	
144	109430_at	0.001886	1379.03	885.77	2610040H16Rik	AM125121	NM_024194	
145	110110_at	0.007026	1238.77	619.9	Ash11	AI646464	NM_138679	
146	110578_at	0.009776	318.83	199.23	Taf3	AA176054	NM_027748	
147	111659_at	0.001795	657.17	441.07	---	AI120758	---	
148	162732_i_at	0.009644	1511.85	971.93	BC003331	AM120964	NM_145511	/// XM_622791
149	162834_at	0.004526	686.85	352.43	Ddahl	AM050076	NM_026993	
150	163130_at	0.001291	6139.6	4534.37	---	AM212010	NM_007561	
151	163248_at	0.000146	4159.93	2807.5	---	AI847753	NM_009784	
152	163435_at	0.00282	783.52	506.57	1810073M12Rik	AM120666	NM_181400	

Table 7

153	163540_i_at	0.000313	1873.52	887.23	4930438D12Rik	AA839266	NM_175212
154	163643_i_at	0.00513	18758.45	15024.33	Ppp3ca	AI843998	NM_008913
155	163653_at	0.001061	2332.63	1471.5	1110003E01Rik	AT838979	NM_133697
156	163689_at	0.001771	1885.57	1399.17	Mel1	AA286242	NM_134188
157	164020_at	0.001271	420.22	258.2	AW061143	NM_133766	
158	164295_i_at	0.007914	1279.07	594.43	B230106I24Rik	AV231065	NM_178772
159	130911_at	0.001604	4419.93	2255.23	---	AI197367	---
160	134685_at	0.005152	4043.13	2697.13	9930116005Rik	AW124414	---
161	136105_at	0.005328	1467.87	853.83	Prdx1	AI845509	NM_011034
162	137565_at	0.002724	1317.68	803.6	AI482346	NM_025965	
163	137586_at	0.002439	596.5	314.2	AI464921	NM_010880	
164	138036_at	0.003513	3174.73	1463.77	---	AI851444	---
165	138070_at	0.001484	26565.8	16220.37	Sv2b	AW045524	NM_153579
166	138507_at	0.005587	11527.93	7440.2	---	AI852513	---
167	138965_at	0.009962	1343.52	699.6	Dgkg	AI854428	NM_138650
168	139519_at	0.001308	21432.33	9458.93	Gabra2	AW046395	NM_008066
169	139531_at	0.00739	845.88	388.83	Syc6	AW120795	NM_018800
170	141051_at	0.004399	493.83	281.37	Fgf10	AI527654	NM_008002
171	135383_r_at	0.005943	5305.3	3178.53	Pank3	AW213269	NM_145962
172	138380_at	0.003259	2816.25	1378.93	---	AW060925	---
173	138395_at	0.003553	3392.93	2003	---	AW121944	---
174	138798_at	0.005087	1667.98	933.5	D10Ert6516e	AI644073	NM_125901
175	139426_r_at	0.000493	1251.92	861.53	---	AW228933	NM_010206
176	129828_f_at	0.007249	2475.03	1369.9	---	AW214443	NM_030099
177	129892_at	0.009879	1345.7	322.57	---	AW124659	---
178	130649_at	0.006394	3228.6	1810.67	2610002M06Rik	AW011755	---
179	134347_f_at	0.000422	9405.13	5790.17	---	AI450343	---
180	135258_at	0.00219	3535.72	1045.47	---	AI848604	---
181	137719_at	0.00234	794.1	282.53	Csmc3	AW049014	NM_139502
182	139150_at	0.005191	1903.47	747.03	---	AW121912	NM_177379
183	165760_f_at	0.008876	2274.58	1622.17	Arpc51	AI852867	NM_028809
184	165770_at	0.002816	6761.48	4427.33	483344A01Rik	AI851927	---
185	166426_i_at	0.004313	9470.87	6585.97	1200009K13Rik	AV236832	NM_025814
186	166513_at	0.002618	1275.38	677.1	C130038G02Rik	AI844429	NM_001033601
187	166816_at	0.004726	3451.35	2573.4	Cul5	AI852817	NM_027807
188	167282_i_at	0.00348	6497.6	3854.03	Nxph1	AV342681	NM_008751
189	167598_at	0.001348	2579.32	1590.57	---	AW125296	---
190	167905_f_at	0.000012	4200.92	1728.97	Flrt3	AV240055	NM_178382
191	168123_at	0.006874	17210.08	6449.67	6330407J23Rik	AI849309	NM_026138



Table 7

192	168462_at	0.009717	1812.47	1102.9	---	AV340874	XM_139540	
193	168478_s_at	0.003674	6265.57	3104.2	---	5730496F1ORik	AV366153	XM_131212
194	168513_f_at	0.001831	1600.07	1138.7	---	Rmt1 AV331209	NM_178374	
195	168697_s_at	0.003626	759.63	596.63	---	AV235358	---	
196	169223_at	0.002246	1136.07	808.67	---	4632425D07Rik	AV305379	XM_485684
197	170018_r_at	0.006368	3058.38	2476.37	---	AV328848	NM_027288	
198	170053_i_at	0.001649	1250.3	888	---	AV303269	---	
199	171126_f_at	0.001719	2802.53	2239.87	---	AV050312	NM_145465	
200	171190_f_at	0.009929	1205.9	467.33	---	AV118515	NM_011857	

Table 8

%Monocular deprivation (4 days) versus control									
%Downregulated in short term MD									
%Significance criterion = 0.01									
%	affyid	P	data	control	gene				
1	1445805_x_at	0	1648.67	2595.4	Kcnh3	BG069378	NM_010601		
2	1454671_at	0.00007	490.73	595.23	Insig1	BB005488	NM_153526		
3	1420901_a_at	0.00008	3185.2	4790.07	Hkl	NM_010438	NM_010438		
4	1423560_at	0.00009	1211.87	2468.47	Mel12	AT838010	NM_016743		
5	1424400_a_at	0.00009	1106.87	1547.73	Alch11	AK007822	NM_027406		
6	1424459_at	0.00009	1496.77	2685.7	BC005662	BG068664	NM_145376		
7	1440407_at	0.00009	433.17	960.27	BE956823	---			
8	1423749_s_at	0.00013	1376.5	1836.1	Rangap1	AV258722	NM_011241		
9	1423044_at	0.00014	1345.87	1864.07	Prosc	AV072100	NM_054057		
10	1420807_a_at	0.00016	513.93	809.57	Egf19	NM_134120	NM_134120	///	NM_207666
11	1423823_at	0.00017	1046.3	1186.63	2610012022Rik	BC005734	NM_023536		
12	1426699_at	0.00017	268.17	431.5	AU040320	BG071197	NM_133886		
13	1417042_at	0.00018	869.03	1130.73	Slc37a4	NM_008063	NM_008063		
14	1460663_at	0.00018	454.17	1008.23	Cckbr	NM_007627	NM_007627		
15	1423909_at	0.00019	642.53	786.93	0610011104Rik	BC010831	NM_025326		
16	1429039_s_at	0.0002	568.27	894.7	150003401Rik	BI904336	XM_356085		
17	1430514_a_at	0.00022	388.57	598.6	2410026K10Rik	AK002762	NM_025584		
18	1422605_at	0.00028	1460.13	2422.23	Ppp1r1a	NM_021391	NM_021391		
19	1423721_at	0.00028	1057.87	1517.03	Tpm1	M22479	NM_024427		
20	1449960_at	0.00028	153.33	866.23	Nptx2	NM_016789	NM_016789		
21	1424476_at	0.0003	343.33	1010.83	Camkk2	BI157430	NM_145358		
22	1451007_at	0.00033	125.9	248.2	Chnm2	BB278418	NM_033569		
23	1451226_at	0.00034	1015.93	1644.77	Pex6	BC003424	NM_145488		
24	1434762_at	0.00038	363.67	515.77	A730041015Rik	BF457736	NM_178751		
25	1433429_at	0.00042	855.93	1046.63	Pigs	BB309245	NM_201406		
26	1453419_at	0.00044	2625.47	4014.57	2900078C09Rik	AK013800	---		
27	1418370_at	0.00045	291.9	1017.13	Tnnc1	NM_009393	NM_009393		
28	1449777_at	0.00052	263.83	711.43	Egr4	NM_020596	NM_020596		
29	1424345_s_at	0.00055	1666.47	2247.47	Ube2m	BC021792	NM_145578		
30	1451992_at	0.0006	1646.07	2355.17	Adrbk1	AF333028	NM_130863		
31	1436094_at	0.00064	1962.47	3452.77	---	BF458396	---		
32	1455462_at	0.00065	2796.3	4038	Adcy2	AV025455	NM_153534		
33	1415964_at	0.00066	1767.83	2509.97	Scd1	NM_009127	NM_009127		
34	1423794_at	0.00068	705.3	895	D2Ertd391e	BM231455	NM_145528		

lof45

Table 8

35	1435117_a_at	0.000069	2834.67	3555.57	C330021A05Rik	BQ175552	NM_153082
36	1437386_at	0.000069	1657.63	3225.83	Lrrn6a	BQ176787	NM_181074
37	1448332_at	0.000071	775.67	1224.17	Pexl9	NM_023041	NM_023041
38	1460286_at	0.000071	1296.23	1811.43	6-Sep	NM_019942	NM_019942
39	1421255_a_at	0.000074	750	1599.67	Cabp1	NM_013879	NM_013879
40	1424581_at	0.000075	580.2	1078.27	Stac2	BC024864	NM_146028
41	1453093_at	0.000075	416.7	783.53	Rasgef1c	AK018593	NM_023004
42	1424530_at	0.000077	372.73	626.73	Sec1412	BC005759	NM_144520
43	1431936_a_at	0.000077	226.03	320.63	Neu2	AK009828	NM_015750
44	1418187_at	0.000079	457.53	579.1	Ramp2	AF146523	NM_019444
45	1428723_at	0.000082	390.1	511.43		2310047M10Rik	AK009886
46	1434381_at	0.000086	393.1	631.03	BC060631	AV287602	NM_177700
47	1418181_at	0.000089	689.5	898.4	Ptpr4a3	AK014601	NM_008975
48	1427897_s_at	0.000089	1539.57	1924	2400003N08Rik	AK010274	NM_178622
49	1428986_at	0.000094	6818.8	13251.63	Slc17a7	BQ175176	NM_182993
50	1436952_at	0.000096	277	428.33	Klf9	BE995545	NM_010638
51	1460566_at	0.000096	3907.67	5918.03	LOC545454	BB765000	NM_619804
52	1442166_at	0.000098	1335.57	2073.63	Cpne5	BB273427	NM_153166
53	1427230_at	0.000108	676.53	770.43	B930041F14Rik	BB322737	NM_178699
54	1436216_s_at	0.000108	627.73	1267.4		2610204M08Rik	BM234799
55	1455714_at	0.000108	1558.83	3193.13	Gm691	BQ174072	NM_198627
56	1449956_at	0.00011	2168.23	3768.03	Prkce	NM_011104	NM_011104
57	1424178_at	0.000118	1155.8	1715.83	Tmem38a	BC014728	NM_144534
58	1436327_a_at	0.000122	182.03	319.53		3100002B05Rik	BM934830
59	1420904_at	0.000123	176.2	264.07	Il17r	AK010040	NM_008359
60	1425248_a_at	0.000128	1813.47	2664.2	Tyro3	AB000828	NM_019392
61	1433566_at	0.000132	2395.63	3145.73	Ras110b	BB381618	NM_205779
62	1425833_a_at	0.000136	4200.27	7442.53	Hpca	AF326551	NM_010471
63	1415956_a_at	0.000142	2803.4	4046.93	Pctk1	NM_011049	NM_011049
64	1450910_at	0.000146	4791.37	7114.33	Cap2	AV261931	NM_026056
65	1418078_at	0.00015	948.6	1445.57	Psme3	U60330	NM_011192
66	1440455_at	0.000154	4414.9	5955.83	At848599	At848599	---
67	1460205_at	0.000155	498.63	612.17	6720485C15Rik	NM_026551	NM_026551
68	1436754_at	0.000156	1707.07	2111.13	At839735	BB360523	NM_178915
69	1436526_at	0.000157	833.57	1051.63	Gnptg	BI965034	NM_172529
70	1421535_a_at	0.000167	412.07	589.83	Pde4a	NM_019798	NM_019798
71	1453297_at	0.000167	2068	2781.4		4933417008Rik	AK016850
72	1427113_s_at	0.000169	1407.4	2055.87		2700049H19Rik	AV127581
73	1426945_at	0.000173	2057.4	2972.4	Ranbp5	AW536621	NM_023579
74	1434657_at	0.000175	7472.93	10753.97	Gls	BE983473	NM_129846

Table 8

75	1419389_at	0.00018	200.23	365.9	Pde10a	BQ180352	NM_011866
76	1448891_at	0.000187	224.8	260.07	Msr2	BC016551	NM_030707
77	1418053_at	0.000192	4577.13	7433.07	Snub	NM_033610	NM_033610
78	1417050_at	0.000193	6565.03	7958.03	C1qtnf4	NM_026161	NM_026161
79	1434125_at	0.000194	483.37	566.3	Ucp15	AV227804	NM_178918
80	1449471_at	0.000196	3158	4086.53	Kcumb4	NM_021452	NM_021452
81	1421124_at	0.000198	548.2	1300.23	Cdk5r1	NM_009871	NM_009871
82	1424146_at	0.000199	3758.2	5767.03	Gpr3711	AB016602	NM_134438
83	1448378_at	0.000202	1428.03	3224.2	Fscn1	NM_007984	NM_007984
84	1453273_at	0.000203	690.97	1253.3	Kchv1	AV142265	NM_026200
85	1427189_at	0.000205	491.43	697.43	Atrh1	BB362210	NM_019927
86	1422619_at	0.000212	464.8	629.37	Ppap2a	NM_008903	NM_008247
87	1418079_at	0.000213	804.07	1176.2	Psmc3	U60330	NM_011192
88	1422580_at	0.000213	646.03	1257.23	My14	NM_010858	NM_010858
89	1423449_at	0.000215	1191.3	1762.83	Actn4	BM234779	NM_021895
90	1439578_at	0.000222	880.97	1344.2	Lsm11	BB713457	NM_028185
91	1418457_at	0.000226	926.83	1475.53	Cxcl14	AF252873	NM_019568
92	1460393_at	0.000228	459.83	719.7	Dusp7	BE136125	NM_153459
93	1451935_at	0.000229	558.53	659.97	Sprint2	AF099020	NM_011464
94	1435677_at	0.000233	468.23	767.3	C85492	BR247709	NM_153540
95	1451072_at	0.000236	949.1	1348.8	Rnf4	AV045658	NM_011278
96	1427735_at	0.00024	637.13	1000.8	Acta1	M12233	NM_009606
97	1436373_at	0.000241	328.87	537.63	Map3k10	AA789425	NM_194344
98	1423561_at	0.000247	3626.4	5737.9	Neil2	AI838010	NM_016743
99	1434575_at	0.000249	2711.7	3723.1	Epb4.111	BR794965	NM_001003815
100	1434610_at	0.00025	1212.2	1473.67	Plec1	BM210485	NM_011117
NM_201388	/// NM_201389	/// NM_201390	/// NM_201391	/// NM_201392	/// NM_201393	/// NM_201394	/// NM_201385
101	1454159_at	0.000252	876.07	1915.33	Igfbp2	AK011784	NM_008342
102	1416754_at	0.000254	4351.47	8472.7	Ptkar1b	NM_008923	NM_008923
103	1417313_at	0.000258	536.43	961.6	Lsm7	NM_025349	NM_025349
104	1451663_at	0.000261	2203.43	2497.73	Trim3	AF220019	NM_018880
105	1448130_at	0.000262	1759.1	2579.4	Fdft1	NM_010191	NM_010191
106	1416516_at	0.000264	350.07	1262.4	Fscn1	NM_007984	NM_007984
107	1447634_x_at	0.000267	109.1	141	Chc11	BB091862	NM_134083
108	1421123_at	0.000277	335.1	869.97	Cdk5r1	NM_009871	NM_009871
109	1417035_at	0.000278	797.13	1038.97	Sac3d1	BI134670	NM_133678
110	1424132_at	0.000279	847.2	1311.3	Hras1	BC011083	NM_008284
111	1442883_s_at	0.000281	3433.43	5168.4	D10Bwg1364e	BI413749	NM_145421
112	1435790_at	0.000285	1776.87	2631.67	Olfm2	BG864960	NM_173777
113	1454780_at	0.000285	660.23	836.1	Galnt14	AV238718	NM_173739

Table 8

114	1433695_at	0.000289	2782.17	3052.37	1500041B16Rik	BQ174762	NM_029861
115	1421606_a_at	0.000293	2418	3884.8	Sult4a1	NM_013873	NM_013873
116	1436642_x_at	0.000299	416.97	512	---	BE993148	---
117	1449380_at	0.0003	4633.93	7426.67	Pacsln1	BI731319	NM_011861 /// NM_178365
118	1428753_a_at	0.000301	959.27	1418.6	Dgcr6	AK019346	NM_010047
119	1424633_at	0.000305	775.03	1565.47	Camk1g	AF428262	NM_144817
120	1440133_x_at	0.000305	3711.37	8651.53	Prkar1b	BB283894	NM_008923
121	1423816_at	0.000308	3224.43	6870.33	Cxclb	BC003436	NM_001018063
122	1433899_x_at	0.000309	1783.5	3018.2	Tsc2d1	AU016382	NM_009366 /// NM_207652
123	1416278_a_at	0.000312	7994.33	10793.77	Atp5o	NM_138597	NM_138597
124	1419680_a_at	0.000315	338.1	461.6	Elac2	NM_023479	NM_023479
125	1416883_at	0.000318	2768.7	4368.27	C1ptm1	NM_019649	NM_019649
126	1434761_at	0.000318	584.1	980.87	Lrrtm3	BM224801	NM_178678
127	1445878_at	0.000319	52.03	114	C92000601Rik	BE630205	NM_489286
128	1423940_at	0.000324	463.8	630.97	Yifla	BC011117	NM_026553
129	1426055_a_at	0.000327	334.73	527.8	Pigq	AF030178	NM_011822
130	1428165_at	0.000331	736.53	886.7	Vps24	AK009414	NM_025783
131	1429290_at	0.000334	4479.23	6102.57	Cbx6	BE951971	NM_028763
132	1422967_a_at	0.000337	115.47	254.43	Tfrc	BB810450	NM_011638
133	1451943_a_at	0.000339	1288.1	1756.77	Ppmla	AF259673	NM_008910
134	1455896_a_at	0.000343	1374.7	2037.43	Kcnk1	AU043100	NM_008430
135	1439333_at	0.000344	1350.23	2247.47	Kcnv1	BB078927	NM_026200
136	1448956_at	0.000346	1780.9	2805.2	Stard10	NM_019990	NM_019990
137	1451427_a_at	0.000346	256.5	412	Egfl7	BC024610	NM_178444 /// NM_198724 /// NM_198725
138	1428964_at	0.000346	1255.13	1715.17	Slc25a18	AK005250	NM_110620 /// XM_207112
139	1436702_at	0.000349	1655.03	2589.03	BC034068	BE989731	NM_001001985
140	1456838_at	0.000351	441.3	848.17	LOC237403	BE995608	NM_137156
141	1417664_a_at	0.000359	4353.47	6370.07	Ndrg3	BE631549	NM_013865
142	1415978_at	0.00037	2640.53	3659.23	Tubb3	NM_023279	NM_023279
143	1419742_at	0.00037	514.23	753.4	1700037H04Rik	NM_026091	NM_026091
144	1434612_s_at	0.00037	1348.13	1735.97	Sdnol	BE947961	NM_355637
145	1459107_at	0.000373	1568.9	2525.77	Kcnh3	BG069378	NM_010601
146	1449381_a_at	0.000376	2571.57	3607.63	Pacsln1	BI731319	NM_011861 /// NM_178365
147	1422733_at	0.000382	904.23	1450.9	Fjx1	AV230815	NM_010218
148	1419223_a_at	0.000383	1019.1	1492.2	Dtna	AF143542	NM_010087 /// NM_207650
149	1422936_at	0.000383	117.27	202.13	Masl	NM_008552	NM_008552
150	1434707_at	0.000391	1519.27	2053.53	Sbfi	AV121839	NM_358316
151	1426667_a_at	0.000393	1137.83	1744.37	Unc4a	BG071740	NM_024451
152	1425110_at	0.000397	433.37	621.13	Sorcs3	AK018111	NM_025696
153	1449590_a_at	0.000398	605.77	921.53	Mras	AB004879	NM_008624

Table 8

154	1431137_at	0.000408	1111.03	1656.37	Rusc1	Al614077	NM_028188
155	1427708_a_at	0.000412	80	185.3	Nf2	L22989	NM_010898
156	1449511_a_at	0.000413	2119.8	2719.37	Ssbp4	NM_133772	NM_133772
157	1431749_a_at	0.000415	408.4	903.3	Rasgrp1	AK013548	NM_011246
158	1417080_a_at	0.000418	625.63	721.13	MGI:1349469	NM_012029	NM_012029
159	1419655_at	0.000421	641.8	957.93	Tle3	NM_009389	NM_009389
160	1452782_a_at	0.000426	980.73	1393.13	Txn2	AK002358	NM_019913
161	1441718_at	0.000427	101.23	221.37	4432411E13R1k	BB283834	XM_196130
162	1448164_at	0.000429	3163.93	5146.23	Klhd3	NM_027910	NM_027910
163	1448247_at	0.00043	874.17	974.53	Bcl7b	NM_009745	NM_009745
164	1422134_at	0.000431	98.67	298.37	Fosb	NM_008036	NM_008036
165	1434900_at	0.000437	1075.7	1369	Mk11	EM196656	NM_153049
166	1422807_at	0.000438	1115.03	1747.6	Arf5	NM_007480	NM_007480
167	1428123_at	0.000439	106	216.67	2610528K11R1k	AK012178	NM_175184
168	1421348_a_at	0.00044	2814.3	3619.87	1500001H12R1k	NM_021316	NM_021316
169	1449111_a_at	0.000444	1369.9	1823.83	Grb2	BG064712	NM_008163
170	1419184_a_at	0.000447	1001.2	1544.13	Fhl2	NM_010212	NM_010212
171	1419737_a_at	0.000447	5204.43	8303.07	Ldh1	NM_010699	NM_010699
172	1423785_at	0.000448	2107.2	2699.87	Egln1	BE995700	NM_053207
173	1417876_at	0.000449	95.27	159.97	Fcgr1	AF143181	NM_010186
174	1416718_at	0.000454	1529.9	2293.53	Bcan	NM_007529	NM_007529
175	1437944_at	0.000455	215.67	542.4	Shc2	BT14008	XM_125779
176	1416515_at	0.000461	649.2	2213.03	Fscn1	NM_007984	NM_007984
177	1422407_s_at	0.000464	2195.57	3331.57	Hras1	NM_008284	NM_008284
178	1424981_at	0.000465	213.5	306.1	Nln	BC016224	NM_029447
179	1426249_at	0.000472	3417.13	4548.83	Adrbk1	AF333028	NM_130863
180	1429533_at	0.000475	587.13	904.57	Immt	BB222675	NM_029673
181	1433819_s_at	0.000475	1599.8	1863.67	Agpat3	AV296997	NM_053014
182	1432029_a_at	0.000476	1339.2	2090.7	Smap1	AK006817	NM_028534
183	1423333_at	0.000482	399.47	841.47	1200007D18R1k	AK003239	NM_026170
184	1419710_at	0.000484	604.17	1604.47	Nxph3	NM_130858	NM_130858
185	1425572_a_at	0.000485	1362.37	2453.17	Ddef1	BE943736	NM_010026
186	1418451_at	0.000491	587.07	822.8	Gng2	BB522409	NM_010315
187	1416492_at	0.000494	266.33	401.3	Ccnel	NM_007633	NM_007633
188	1441894_s_at	0.000501	2864.1	5767.47	Grasp	BB071890	NM_019518
189	1450008_a_at	0.000508	3872.63	4658.33	Ctnnb1	NM_007614	NM_007614
190	1419398_a_at	0.000511	3158.77	4666.3	Dp1	NM_007874	NM_007874
191	1425525_a_at	0.000512	339.1	578.1	P2rx4	AF089751	NM_011026
192	1454692_x_at	0.000514	701.83	1408.2	---	BB722680	---
193	1447449_at	0.000517	124.47	284.9	---	BE983114	---

Table 8

194	1417959_at	0.000523	1178.83	1378.4	Pdlim7	NM_026131	NM_026131
195	1424196_at	0.000528	937.67	1184.83	Yipfl	BC009080	NM_145550
196	1428777_at	0.000536	951.27	1191.9	Spred1	AK017680	NM_033524
197	1421396_at	0.000539	237.73	467.37	Pcskl	M69196	NM_013628
198	1433993_at	0.00054	611	691.17	4931406P16Rik	BG067664	NM_172741
199	1422153_a_at	0.000541	171.23	282.7	Asb11	NM_026853	NM_026853
200	1460498_a_at	0.000541	540.93	967.27	Dnajc5	BI685030	NM_016775
201	1426738_at	0.000544	2345.17	3326.6	Dgkz	BC014860	NM_138306
202	1449980_a_at	0.000544	1549.27	1904.63	Gabrd	NM_008072	NM_008072
203	1444723_at	0.000544	516.77	832.6	6530418I21Rik	BB049759	NM_175398
204	1454871_at	0.000544	342.53	595.67	Rbm15b	BB776868	NM_175402
205	1437078_at	0.000545	697.43	1031.93	Vps52	BF468377	NM_172620
206	1434325_x_at	0.000552	16705.13	24930.6	Ptkar1b	BB274009	NM_008923
207	1447965_at	0.000553	127.13	222.43	C80012	BG066596	---
208	1429392_at	0.000553	525	645.03	Wdr40a	BI558553	NM_026893
209	1421486_at	0.000563	168.6	325.43	Egr3	NM_018781	NM_018781
210	1448718_at	0.000565	824.53	1015	2400001E08Rik	NM_025605	NM_025605
211	1416437_a_at	0.000567	1785.67	2705.97	Mapk8ip3	AF262046	NM_013931
212	1421181_at	0.000569	658.17	1699.3	Nptxr	BI733611	NM_030689
213	1449552_at	0.00058	985	2252.67	Zfr	NM_011767	NM_011767
214	1452427_s_at	0.000582	1694.37	2229.73	AW742319	BM950003	NM_021345
215	1430607_at	0.000586	179.27	452.5	4930505D03Rik	BB279598	NM_137322
216	1455436_at	0.000587	6827.57	10025.53	Ditras2	LOC544932	BM114282
217	1423222_at	0.00059	1751.1	3021.27	Cap2	AV261931	NM_026056
218	1448335_s_at	0.00059	4222.87	5090.6	Ccni	NM_017367	NM_017367
219	1423853_at	0.000591	5386.6	7438.33	6330527006Rik	BC004791	---
220	1451290_at	0.000596	3610.07	6293.07	Map1lc3a	BC010596	NM_025735
221	1418004_a_at	0.000607	1348.13	1614.67	1810009M01Rik	NM_023056	NM_023056
222	1448431_at	0.000607	463.87	667.9	Asb6	NM_133346	NM_133346
223	1424956_at	0.000611	246.47	417.3	Ahdcl	BC019130	NM_146155
224	1423049_a_at	0.000616	716.3	1160.8	Tpml	AK002271	NM_024427
225	1449198_a_at	0.000619	1410.47	2231.37	St3gal5	BB829192	NM_001035228
226	1415824_at	0.000623	1332.1	2685.7	Scd2	BG060909	NM_009128
227	1434879_at	0.000623	1120.5	1536.77	Cdc34	BI794243	NM_177613
228	1431420_s_at	0.000626	3205.83	3876.57	2610524G07Rik	BI082843	NM_025596
229	1426379_at	0.000627	651.97	977.13	Bi1f4b	AW741459	NM_145625
230	1432016_a_at	0.000627	6919.63	8332.2	Idh3a	AK003393	NM_029573
231	1416965_at	0.00063	7858.67	9456.17	Pcskln	AF181560	NM_013892
232	1441300_at	0.000631	359.8	673.93	Kcnfl	BB275623	NM_201531
233	1420368_at	0.000635	1988.17	2242.67	Demr	AK010394	NM_026603

Table 8

234	1434635_at	0.00064	3640.8	7599.6	Rph3a	BM898651	NM_011286
235	1416882_at	0.000641	1140.8	1649.13	Rgs10	NM_026418	NM_026418
236	1455640_a_at	0.000644	1879.83	2526.17	Txn2	AV053127	NM_019913
237	1425130_a_at	0.000647	351.87	801.23	Ptpn5	U28216	NM_013643
238	1428745_a_at	0.00066	773.07	920.2	2310003122Rik	AK009123	NM_027093
239	1434730_at	0.000661	375.33	625.7	Al854517	BB346879	KM_489189
240	1421260_a_at	0.000662	2036.5	2891.1	Srm	NM_009272	NM_009272
241	1442019_at	0.000672	3075.6	6017.9	---	BB627097	---
242	1424638_at	0.000673	208.77	787.77	Cdkn1a	AK007630	NM_007669
243	1415732_at	0.000678	1408.43	2153.07	Bat5	BG071718	NM_178592
244	1452162_at	0.000687	796.1	1050.27	Wdr48	BE570732	NM_026236
245	1434794_at	0.000691	745.4	1000.17	Rhof	BM241811	NM_175092
246	1417128_at	0.000703	481.97	729.43	2810052M02Rik	NM_023320	NM_023320
247	1460181_at	0.000704	9575.57	11783.13	Stmn3	NM_009133	NM_009133
248	1450504_a_at	0.000707	676.1	1099.4	Agpat3	NM_053014	NM_053014
249	1426901_s_at	0.000709	4037.7	5289.87	Camta2	BB657856	NM_178116
250	1439740_s_at	0.00071	544.37	735.73	Al481316	AU018180	---
251	1433802_at	0.000711	3508.8	6051.3	AW125688	BM114677	NM_00100185
252	1434147_at	0.000716	2097.87	2618.73	4631403P03Rik	BE945231	NM_153793
253	1428050_a_at	0.000717	1126.97	1414.4	Tmbim4	BC027637	NM_026617
254	1425249_a_at	0.000721	1223.7	1927.43	Tyro3	AB000828	NM_019392
255	1433494_at	0.000723	1756.47	2581.93	Dos	BB180184	NM_015761
256	1434228_at	0.000724	2055.47	3446.9	Ppm2c	AV255921	KM_355470
257	1442502_at	0.000725	235.53	341.77	Lrch1	BB011593	KM_484393
258	1424268_at	0.000737	650.47	827.43	Smox	BC004831	NM_145533
259	1440355_at	0.000737	95.2	126.73	Kctd12b	BF454057	NM_175429
260	1425892_a_at	0.000738	292.67	407.73	Pnoc	D50055	NM_010932
261	1436464_at	0.000748	43.2	92.2	---	BE943617	---
262	1420013_s_at	0.000754	194.1	346.4	Legs	C77434	NM_146006
263	1426855_at	0.000778	667.6	1162.53	D10Ert610e	AK010452	NM_028027
264	1450243_a_at	0.000779	626.57	1087.17	Dscr111		NM_030598
265	1418214_at	0.00079	1095.73	2536.4	Klc2	NM_008451	NM_008451
266	1436517_at	0.00079	735.2	1106.67	Hlfx	BF416101	NM_198622
267	1435868_at	0.000796	413.2	725.53	Ankrd13c	BT794218	NM_001013806
268	1423810_at	0.000797	2988.4	5429.73	Scn1b	BC009652	NM_011322
269	1418738_at	0.000799	3654.9	5892.43	Rgs4	NM_009062	NM_009062
270	1416287_at	0.000804	5745.37	7656.5	C1stn1	BG065300	NM_023051
271	1421860_at	0.000806	4839.33	6838.03	Hgs	BC003239	NM_008244
272	1416540_at	0.000807	1171.67	1562.5	Nos3	NM_008713	NM_008713
273	1422622_at	0.000807	311.37	497.87			



Table 8

274	1454653_at	0.000811	656.97	1302.77	A730016F12R1k	BB274531	NM_170673
275	1421962_at	0.000815	1080.03	2128.23	DnaJb5	AI664344	NM_019874
276	1424710_a_at	0.000815	2517.03	2936.6	Gorasp2	BC016455	NM_027352
277	1419473_a_at	0.000818	7322.7	10120.73	Cck	NM_031161	NM_031161
278	1425176_at	0.000818	993.07	1320.93	C1ql3	BB768838	NM_153155
279	1432296_a_at	0.000825	35.87	84.73	Itgav	AK020674	NM_008402
280	1451956_a_at	0.000825	407.53	607.2	Opt1	AF226605	NM_011014
281	1456933_at	0.000828	140.5	254.47	9430023P16R1k	BB713556	NM_001005507
282	1451808_at	0.000832	630.4	1341.27	Kcnj4	U11075	NM_008427
283	1425511_at	0.000839	592.5	1028.13	Mark1	BM213279	NM_145515
284	1435615_at	0.000841	2114.23	2951.4	Zfp365	BB277790	NM_178679
285	1450711_at	0.000842	1438.77	1790.8	Brd4	NM_020508	NM_020508 /// NM_198094
286	1428158_at	0.00085	881.5	1273.27	Akt1s1	BM068933	NM_026270
287	1452789_at	0.000858	3787.1	5352.6	Smn	AK012171	NM_009223
288	1425748_at	0.00086	103.67	252.5	Diras1	BQ042613	NM_145217
289	1423007_a_at	0.000866	283.63	513.43	Gfra2	NM_008115	NM_008115
290	1448784_at	0.000868	2735.67	3641	Taf10	NM_020024	NM_020024
291	1422034_a_at	0.00087	1039.77	1503.3	Palm	NM_023128	NM_023128
292	1426499_at	0.00087	2527	3677.7	Sh3glb2	AI481067	NM_139302
293	1424037_at	0.000871	2932.43	4155.33	Itpka	BC027291	NM_146125
294	1448366_at	0.000872	6880.8	9404	Stx1a	NM_016801	NM_016801
295	1452394_at	0.000872	546.33	801.2	Cars	AI317241	NM_013742
296	1449129_a_at	0.000881	565.77	970.77	Csen	AF300870	NM_019789
297	1422820_at	0.000884	135.93	229.17	Lije	NM_010719	NM_010719
298	1454628_at	0.000888	500.83	757.57	A930037G23R1k	BE957307	NM_178787
299	1453732_at	0.00089	257.53	390.67	6230416A05R1k	BF533688	NM_127325
300	1416387_at	0.000894	1582.53	2427.57	Pip5k2c	NM_054097	NM_054097
301	1434973_at	0.000896	322.07	546.67	Car7	BE650380	NM_053070
302	1449694_s_at	0.000899	253.87	328.8	Commd5	C77953	NM_025536
303	1418611_at	0.000908	3140.97	4569.13	Gpr162	NM_013533	NM_013533
304	1453742_at	0.000911	830.23	1077.67	Vps33a	BG087455	NM_029929
305	1417133_at	0.000912	786.57	1097.67	Pmp22	NM_008885	NM_008885
306	1419333_at	0.000913	394.93	651.53	111008J03R1k	NM_029096	NM_029096
307	1426502_s_at	0.000916	401.63	581.3	Gp1	AK008086	NM_182805
308	1457333_at	0.000916	209.17	332.63	Sdk2	AV259481	NM_172800
309	1456164_at	0.000921	39.83	127.07	ANO11738	BB132726	---
310	1417709_at	0.000928	6343.6	7468.77	Cyp46a1	NM_010010	NM_010010
311	1423343_at	0.000928	2174.37	3094.77	Slc01c1	BB667135	NM_021471
312	1417448_at	0.000933	401.1	578.33	1810008A18R1k	NM_133998	NM_133998
313	1454759_at	0.000937	1356.03	1952.83	Glt1	AV230461	NM_001004144

Table 8

314	1420833_at	0.00094	3691.37	6565.17	Vamp2	BC871810	NM_009497		
315	1449362_a_at	0.000944	1604.13	2648.47	Mink1	NM_016713	NM_016713	///	NM_176893
316	1426068_at	0.000947	1629.13	2668.93	Slc7a4	BC016100	NM_144852		
317	1459890_s_at	0.000951	5994.07	11852.77		111008P14Rik	C79326		NM_198001
318	1452173_at	0.000954	958.4	1086.97	Hadha	AW107842	NM_178878		
319	1427416_x_at	0.000957	1265.23	1702.57	Dusp7	BC025048	NM_153459		
320	1450520_at	0.000958	2075.23	3136.17	Cacng3	NM_019430	NM_019430		
321	1428782_a_at	0.00096	5311.7	7620.57	Ugcrc1	AK004031	NM_025407		
322	1424053_a_at	0.000961	10268.4	15130	DBRtd325e	BC025071	NM_025804		
323	1460706_s_at	0.000964	534.83	725.6	Rer1	AV013771	NM_026395		
324	1419168_at	0.000965	711.23	975.9	Mapk6	BC024684	NM_015806	///	NM_027418
325	1423685_at	0.000965	2455.17	3107.17	Aars	BC026611	NM_146217		
326	1451015_at	0.000966	1870.63	2491.5	Tkt	AT314476	NM_009388		
327	1428118_at	0.000967	3489.17	6466.3	Lrrn6a	BB078751	NM_181074		
328	1415804_at	0.000968	3339.5	5976.37	Cx3c11	AF010586	NM_009142		
329	1421862_a_at	0.000969	211.73	403.77	Vamp1	AK018783	NM_009496		
330	1426658_x_at	0.000975	1067.23	1603.67	Phgdh	U21027	NM_016966		
331	1441610_at	0.000978	2804.83	3384.17	N28178	BB306826	NM_172690		
332	1420998_at	0.000979	502.53	944.13	Erv5	BG966751	NM_023794		
333	1451795_at	0.000981	457.03	922.1	Tom112	BM226574	NM_153080		
334	1444020_at	0.000985	3201.93	5563.37	Cspg3	BM939365	NM_007789		
335	1416684_at	0.000988	1202.2	1510.83	Fbl	LOC545184	NM_007991	///	NM_007991
336	1452100_at	0.000988	1303.77	2054.87	Dullard	AV162210	NM_026017		
337	1431753_x_at	0.000989	432.3	601.03		2900073H19Rik	AK012124		NM_026615
338	1416439_at	0.000995	618.23	885.17		2410015N17Rik	NM_023203		NM_023203
339	1437392_at	0.000996	1328.53	1949.2		LOC433485	AW123113		NM_485077
340	1434483_at	0.001001	615.83	810.5	Usp12	AW539189	NM_011669		
341	1450082_s_at	0.001002	469.03	1113.03	Erv5	BG966751	NM_023794		
342	1425617_at	0.001004	405.9	510.33	Dhx9	U91922	NM_007842		
343	1451630_at	0.001009	692.13	970.77	Tcl1	BC018513	NM_027192		
344	1424391_at	0.001014	1283.17	1629.53	Nrd1	BC026832	NM_146150		
345	1455192_at	0.001015	1051.63	1721.23		A230078I05Rik	BB385366		NM_177056
346	1428031_at	0.001018	257.3	477.4	Gpr24	BB647763	NM_145132		
347	1451224_at	0.001021	5025.57	7130.67	Scamp5	BC018613	NM_020270		
348	1426617_a_at	0.001022	2434.43	3595.97	Ttyhl	BB560071	NM_001001454	///	NM_021324
349	1424480_s_at	0.001025	1142.43	1828.27	Akt2	BC026151	NM_007434		
350	1423862_at	0.001026	129	208.37	Plekha2	BE986504	NM_175175		
351	1420814_at	0.001029	6089.87	6967.43	Gd12	NM_008112	NM_008112		
352	1445473_at	0.001029	520.13	1144.47	Dltas2	LOC544932	BB229114		NM_001024474
353	1430029_a_at	0.001034	1293.47	1557.17	Tspan31	AK012853	NM_025982		NM_619099

Table 8

354	AFFX-TransRecMur/X57349_5_at	0.001038	87.07	235	Tfrc	AFFX-TransRecMur/X57349_5	NM_011638
355	1434092_at	0.001046	79.27	118.67	Nos3as	AM121498	NM_001002897
356	1449183_at	0.001055	1367.43	1552.53	Comt	NM_007744	NM_007744
357	1449474_a_at	0.001073	2267.27	3213.33	Nelf	NM_020276	NM_020276
358	1454953_at	0.001087	2211.1	3005.97	Rnf157	BB246182	XM_126776
359	1436381_at	0.001088	2399.07	3260.27	Dlgap3	BQ175774	NM_198618
360	1450969_at	0.001095	922.53	1197.37	Pccb	BB787147	NM_025835
361	1415803_at	0.0011	10073.87	14833.3	Cx3cl1	AF010586	NM_009142
362	1417747_at	0.001104	4075.43	6924.63	Cplx1	BC014803	NM_007756
363	1450086_at	0.001107	175.13	226.73	Gmeb1	AA024025	NM_020273
364	1452248_at	0.001107	870.77	1466.07	Plekhs5	BC023181	NM_001004156
365	1460692_at	0.00111	2682.83	3405.23	Ehmt2	BI412952	NM_145830
366	1448230_at	0.001116	1148.6	1283.53	Usp10	NM_009462	NM_009462
367	1434595_at	0.001116	2098.13	2646.97	Trim9	BQ174474	NM_053167
368	1419045_at	0.001117	3242.57	4851.6	Slc25a23	NM_025877	NM_025877
369	1427045_at	0.00112	1864.43	2762.93	Sympo	AI849322	XM_619542
370	1420670_at	0.001126	405.63	786.4	Arnt2	AI428888	NM_007488
371	1455271_at	0.00113	570.53	938.67	1810020C19R1k	BB560177	XM_130317
372	1416739_a_at	0.001138	165.67	304.13	Brp	NM_028227	NM_028227
373	1428687_at	0.001141	356.7	529.07	Zfp687	BG962236	NM_030074
374	1418456_a_at	0.001143	1240.4	1905.5	Cxcl14	AF252873	NM_019568
375	1457268_at	0.001144	333.47	489.47	Dot11	BM199751	NM_199322
376	1422694_at	0.001153	3344.83	4115	Ttyh1	NM_021324	NM_001001454
377	1424736_at	0.001157	9049	10540.83	Eef2	BC007152	NM_007907
378	1436119_at	0.001157	76.4	113.1	Albhl12	BM231794	NM_153543
379	1419041_at	0.001162	3288.07	3861.2	D8wsu49e	BC003977	NM_028007
380	1419137_at	0.001167	3295.6	4036.03	Shank3	NM_021423	NM_021423
381	1416753_at	0.00117	8061.97	14075.67	Prkar1b	NM_008923	NM_008923
382	1435889_at	0.001171	485.4	692.67	Mark2	BB534457	NM_007928
383	1435367_at	0.001175	1150.9	1738.4	Mapk4	BQ177154	NM_172632
384	1417476_at	0.001177	918.13	1198.17	Fbxw5	NM_013908	NM_013908
385	1415893_at	0.001179	137.87	216.53	Sgpl1	NM_009163	NM_009163
386	1460460_a_at	0.00119	729.8	985.03	Gorasp2	AK010664	NM_027352
387	1416588_at	0.001192	3107.7	4669.53	Ptprn	NM_008985	NM_008985
388	1425671_at	0.001202	117.7	421.53	Home1	AF093257	NM_011982
389	1456247_x_at	0.00121	82.43	146.37	Pip2	AV166926	NM_019755
390	1431385_a_at	0.001212	138.87	209.23	Mbtps1	AK002809	NM_019709
391	1422564_at	0.001219	606.9	976.63	Act16b	NM_031404	NM_031404
392	1433635_at	0.00122	783.4	978.8	Wdr18	BG073188	---
393	1446484_at	0.001226	360.17	633.83	Meif2c	BB558401	NM_025282

Table 8

394	1426225_at	0.001231	816.3	1400.23	Rbp4	UG3146	NM_011255		
395	1449000_at	0.001234	1769.5	2484.7	D10Jhu81e	NM_138601	NM_138601		
396	1421846_at	0.001235	2576.13	3404.47	Wsb2	BM730566	NM_021539		
397	1431422_a_at	0.001237	2194.3	3380.47	Dusp14	AK009744	NM_019819		
398	1442614_at	0.001237	309.97	456.77	Il1rap	BE945253	NM_008364	///	NM_134103
399	1416475_at	0.001238	772.3	1160.13	Ube2d2	NM_019912	NM_019912		
400	1438058_s_at	0.001247	3741.37	4880.13	Ptcv1	BC073526	NM_133949		
401	1422635_at	0.001249	335.4	571.5	Ache	NM_009559	NM_009559		
402	1433876_at	0.001255	529.6	718.9	6430402H13Rik	AY337650	NM_198119		
403	1440971_x_at	0.001256	414.33	620.97	G630024C07Rik	BB823641	NM_177362		
404	1429148_at	0.001256	248.47	431.73	1110019122Rik	AK003826	NM_026756		
405	1421961_a_at	0.001261	490.17	1048.93	Dnajb5	AI664344	NM_019874		
406	1447521_x_at	0.001261	1838.2	2599.97	D15Wsu169e	AI843066	NM_198420		
407	1422512_a_at	0.001278	281.37	497.6	Ogfr	AW476433	NM_031373		
408	1417677_at	0.00128	354.8	594.6	Ogn3	NM_010098	NM_010098		
409	1440132_s_at	0.00128	9882.3	17191.27	Prkar1b	BB283894	NM_008923		
410	1416050_a_at	0.001282	397.43	553.63	Scarb1	NM_016741	NM_016741		
411	1450067_a_at	0.001283	645.7	877.63	1810034K20Rik	NM_023397	NM_023397		
412	1454045_a_at	0.001287	860.47	1296.87	4933424M23Rik	AK016901	---		
413	1423914_at	0.001293	1315.6	1785.1	C630004H02Rik	BC024617	NM_175454		
414	1428708_x_at	0.001294	6423.13	8702.3	2610009E16Rik	AK011360	NM_026988		
415	1455417_at	0.001294	690.37	1243.47	Kcnj11	AY350759	NM_010602		
416	1416022_at	0.001302	4408.67	6026.13	Fabp5	BC002008	NM_010634		
417	1416696_at	0.001304	538.37	625.2	D17Wsu104e	NM_080837	NM_080837		
418	1418478_at	0.00131	186.3	354.43	Imol	NM_057173	NM_057173		
419	1428714_at	0.00131	1991.83	2390	Pgrmc2	BF322962	NM_130859		
420	1452661_at	0.00131	2649.33	3883.17	Tfrc	AK011596	NM_011638		
421	1431611_a_at	0.001315	985.03	1224.17	Igsf4a	AK013775	NM_001025600	///	NM_018770
	NM_207676							///	NM_207675
422	1429088_at	0.001316	761.47	944.57	Mgi	1925139	AK007400	NM_029959	
423	1422799_at	0.00132	2172.43	3188.1	Bat2	AK019427	NM_020027		
424	1421263_at	0.001332	266.43	407.03	Gabra3	NM_008067	NM_008067		
425	1448446_at	0.001333	588.7	706.07	Deaf1	NM_016874	NM_016874		
426	1451803_a_at	0.001334	1043.6	1335.03	Vegfb	U48800	NM_011697		
427	1436444_at	0.001335	492.9	731.43	6030405A18	AV319257	NM_177854		
428	1437220_x_at	0.001345	551.3	676.73	Psmc13	BM209440	NM_011875		
429	1436195_at	0.001348	394.17	636.37	BC046404	EM933144	NM_198861		
430	1416853_at	0.001355	10021.3	14071.37	Ncdh	BC017126	NM_011986		
431	1448346_at	0.001355	8277	12597.07	Cf11	NM_007687	NM_007687		

11of45

Table 8

432	1428393_at	0.001355	8130.43	14074.53	Nrn1	AK003046	NM_153529	
433	1420720_at	0.001357	519.07	1773.13	Npcx2	NM_016789	NM_016789	
434	1455924_at	0.001358	1290.1	4076.93	Rab6b	AV220161	NM_173781	
435	1449173_at	0.001369	1108.37	1755.27	Mpp2	NM_016695	NM_016695	
436	1421949_a_at	0.00137	80.63	116.1	2610507l03Rik	BB042564	NM_028120	
437	1436383_at	0.001371	4568.27	6456.23	Cplx2	BE946238	NM_009946	
438	1421026_at	0.001377	330.77	464.1	Gna12	BF302166	NM_010302	
439	1415953_s_at	0.001384	563.67	716.73	Mark2	BI686265	NM_007928	
440	1419954_s_at	0.001392	1019.43	1205.23	Tex27	AW539211	NM_148926	
441	1439553_s_at	0.001394	938.83	1256.8	Nutl2	AU018817	NM_026532	
442	1416521_at	0.001399	9387.7	15441.67	Sepw1	NM_009156	NM_009156	
443	1428697_at	0.001405	738.63	1277.53	Dpp8	BM939621	NM_028906	
444	1423204_at	0.001406	396.2	685.27	Tm9sf4	BB367487	NM_133847	
445	1415859_at	0.001414	1544.93	2070.8	E1f3s8	BB58329	NM_146200	
446	1426764_at	0.001414	2536.63	3341.13	Oaz2	AW214584	NM_010952	
447	1433464_at	0.001415	1259	1750.53	Ipol3	BB475675	NM_146152	
448	1422044_at	0.001417	134.47	279.47	Ndst1	AF074926	NM_008306	
449	1426463_at	0.00142	1407.07	1661.57	Gphn	AA170590	NM_172952	
450	1435902_at	0.001423	1910.4	2325.47	Nudt18	BM120193	NM_153136	
451	1436155_at	0.001424	2194.57	2851.5	Nmnat2	BB398185	NM_175460	
452	1451155_at	0.001426	132.27	291.27	Cugbp2	BB644164	NM_010160	
453	1435780_at	0.001427	2763.1	3756.47	Psd	BG966595	NM_028627	
454	1455136_at	0.00143	3663.67	4546.47	Atpl2	AI845177	NM_178405	
455	1416786_at	0.001446	393.73	647.37	Acvr1	NM_007394	NM_007394	
456	1424203_at	0.001446	499.83	725.67	Ncln	BC019501	NM_134009	
457	1455760_at	0.001446	322.17	640.4	Gm696	BB749107	NM_204297	
458	1454106_a_at	0.001449	238.73	278.2	Cxxc1	AK017941	NM_028868	
459	1429979_a_at	0.001453	131.53	307.27		1810073N04Rik	AK007977	NM_024249
460	1452964_at	0.001453	1204.93	1954.5		4932702F08Rik	AK016577	NM_130221
461	1441625_at	0.001455	823.1	1182.67	A930033C01Rik	BQ174470	NM_132396	
462	1433556_at	0.001471	2487.43	3182.27	Cental	AV264037	NM_172723	
463	1443660_at	0.001471	144.6	291.2	---	BB750724	---	
464	1418616_at	0.001476	307.67	371.37	Maik	NM_010757	NM_010757	
465	1451743_at	0.001476	192.97	319.5	D19Wsu162e	BC026369	NM_146099	
466	1453988_a_at	0.00148	289.63	417.5	Ide	AK014703	NM_031156	
467	1436508_at	0.00148	428.9	547.7		BB000110	NM_175403	
468	1423642_at	0.001483	6639.33	8339.7		4930542G03Rik	BC005547	NM_146116
469	1437740_at	0.001485	573.3	881.47	Plekhn2	BB757269	NM_204109	
470	1450414_at	0.001486	680.03	1028.53	Pdgbf	BC023427	NM_011057	
471	1420580_at	0.001499	251.73	407.63		4930429B21Rik	NM_026249	NM_026249

Table 8

472	1433937_at	0.0015	411.73	531.9	Tryp53bp2	BB814564	NM_173378	
473	1418938_at	0.001502	231.77	400.53	Dio2	AF177196	NM_010050	
474	1460343_at	0.001502	261.2	3525.5	Neur1	AF401228	NM_021360	
475	1419732_at	0.001506	1225.77	1741.03	Rtn4r	NM_022982	NM_022982	
476	1430829_s_at	0.001508	527.57	865.07	MGI:1347093	AK016860	NM_011936	
477	1448207_at	0.001508	452.27	776.03	Iasp1	BC010840	NM_010688	
478	1453367_a_at	0.001516	3561.07	4335.77	6330583M1R1k	BB178770	NM_024465	
479	1433462_a_at	0.001522	243	400.7	P4k2a	BB208212	NM_145501	
480	1418508_a_at	0.001526	911.6	1739.47	Gtd2	BG064712	NM_008163	
481	1448787_at	0.001536	2109.53	2668	Moap1	BC014715	NM_022323	
482	1420837_at	0.001537	227.37	330.9	Ntrk2	AK018789	NM_001025074	/// NM_008745
483	1417632_at	0.00154	3850.8	5857.97	Atp6v0a1	U13836	NM_016920	
484	1435019_at	0.00154	3873.07	5218	Atxn7l3	BB532141	NM_126779	
485	1435115_at	0.001544	680.37	852.73	Fndc5	AW556555	NM_027402	
486	1437859_x_at	0.00155	3525.27	4052.4	Elf5a	BF384094	NM_181582	
487	1421349_x_at	0.001554	3883.03	4773.77	1500001H12R1k	NM_021316	NM_021316	
488	1415746_at	0.001559	1599.3	2495.47	C1c	AF363690	NM_027882	
489	1420920_a_at	0.001559	4824.63	6500.83	Arf1	NM_007476	NM_007476	
490	1422009_at	0.001562	2206.67	3399.93	Atp1b2	NM_013415	NM_013415	
491	1420575_at	0.001563	5922.6	8257.33	Mt3	NM_013603	NM_013603	
492	1435525_at	0.001563	2566.37	3215.9	Kctd17	BI408602	NM_110121	
493	1451088_a_at	0.001572	681.8	975.57	Oxal1	BC027191	NM_026936	
494	1422735_at	0.001576	140.27	214.7	Foxq1	NM_008239	NM_008239	
495	1415816_at	0.001588	4778.5	5790	Cct7	NM_007638	NM_007638	
496	1452742_at	0.001604	894.23	1170.73	2310001H13R1k	BB010301	NM_175114	
497	AFFX-TransRecMur/X57349_3	at	0.001606	327.73	628.1	Tfrc	AFFX-TransRecMur/X57349_3	NM_011638
498	1451431_a_at	0.001609	1995.93	2613.87	D2Bwg0891e	BC019947	NM_026797	
499	1460650_at	0.00161	1592.3	2496.6	Atp6v0a1	U13836	NM_016920	
500	1435558_at	0.00161	4020.73	5671.93	Bai2	BB351248	NM_173071	
501	1417716_at	0.001615	2252.4	3595.9	Gct2	U82470	NM_010325	
502	1421324_a_at	0.001616	386.53	775.27	Akt2	NM_007434	NM_007434	
503	1447229_x_at	0.001617	225.87	405.7	Pacs1n3	BM248411	NM_028733	/// NM_030880
504	1454012_a_at	0.001633	360.7	562.27	Parp6	AK021076	NM_134863	
505	1420506_a_at	0.001637	2279.3	3941.93	Stxbp1	AF326545	NM_009295	
506	1429708_at	0.001642	4495.73	5952.37	Ndufa11	AA596846	NM_128696	
507	1439148_a_at	0.001648	3118.93	4101.37	Pfk1	BE914497	NM_008826	
508	1428354_at	0.001659	751.63	1196.93	Foxk2	BM206907	NM_126489	
509	1440347_at	0.00166	63.63	141.57	Arhgap10	BG074665	NM_030113	
510	1426729_at	0.001677	2476.3	3982.17	2900046G09R1k	BC003957	NM_133778	
511	1428874_at	0.001686	1458	1847.47	1110019N10R1k	BF535957	NM_026753	

Table 8

512	1417780_at	0.001689	336.33	454.73	Laas4	BB006809	NM_026058	
513	1448384_at	0.00169	233.37	330.03	Pofut2	BC018194	NM_030262	
514	1417224_a_at	0.001694	139.63	209.1	Cd2bp2	NM_027353	NM_027353	
515	1418695_a_at	0.001695	2814.1	3166.27	Kcmf1	BG071725	NM_019715	
516	1439892_at	0.001697	2150.13	3135.37	Brsk1	BQ174737	NM_001003920	
517	1425605_a_at	0.001698	497.83	719.23	Lmbp1	AF190665	NM_020295	
518	1425621_at	0.0017	530.43	860.73	Trim35	AB060155	NM_029979	
519	1450845_a_at	0.001702	1867.43	2746.6	Bzw1	AV144956	NM_025824	
520	1420610_at	0.001707	1905.63	3171.6	Prkacb	AV024339	NM_011100	
521	1422156_a_at	0.001709	17191.53	25112.13	Rps2	NM_008503	NM_008503	/// XM_484395 /// XM_486158 ///
XM_618996 /// XM_620258 /// XM_620794 /// XM_621000								
522	1423252_at	0.001709	1568.9	1754.77	Hdgfrp3	BB291880	NM_013886	
523	1424646_at	0.00171	451.47	634.13	Uckl1	BC016535	NM_026765	
524	1416568_a_at	0.001713	527.77	730.77	Ptpn1	AC011	AW228855	NM_019567 /// NM_023190
525	1438670_at	0.001713	569.57	730.77	Ptpn1	BB509334	NM_011201	
526	1416256_a_at	0.001716	9789.77	13883.23	Tubb5	NM_011655	NM_011655	
527	1416028_a_at	0.00172	1504.1	1914.37	Hn1	NM_008258	NM_008258	
528	1438330_at	0.001728	87.7	148.53	BC065397	AL51235	XM_488379	
529	1419077_at	0.001731	1068.93	1460.77	Mpr3	NM_007863	NM_007863	
530	1428465_at	0.001732	2582.8	3415.77	5033425B17R1k	AK010168	NM_027215	
531	1433445_x_at	0.001732	6163.17	8480.87	Hmgcs1	BB705380	NM_145942	
532	1450378_at	0.001739	170.63	280.1	Tapbp	AF043943	NM_001025313	/// NM_009318
533	1448828_at	0.001743	799.97	991.73	Smc611	AV281575	NM_025695	
534	1423101_at	0.001746	857.73	1133.63	Pagr4	BB279185	NM_023824	
535	1433729_x_at	0.001755	792.13	1025.8	Pmpcb	AV047320	XM_131914	
536	1423334_at	0.001757	497.9	918.03	1200007D18R1k	AK003239	NM_026170	
537	1435852_at	0.001761	249.17	370.2	Spreb3	BB459220	NM_182927	
538	1422537_a_at	0.001767	2294.83	2860.33	Id2	NM_010496	NM_010496	
539	1415753_at	0.001769	4813.4	6334	D10Bwg1364e	BC005632	NM_145421	
540	1449961_at	0.001772	1110.57	1748	Rph3a	NM_011286	NM_011286	
541	1416504_at	0.001773	222.27	391.1	Ulk1	AF072370	NM_009469	
542	1455175_at	0.00178	278.63	386.77	Phf13	AV277084	NM_172705	
543	1442148_at	0.001789	1207.9	1397.1	Psip1	BB074968	NM_133948	
544	1416331_a_at	0.001791	2118.8	3379.5	Nfe211	NM_008686	NM_008686	
545	1417462_at	0.001804	2720.67	3616.27	Cap1	NM_007598	NM_007598	
546	1424355_a_at	0.001811	1139.77	1501.13	Sin3b	AF038848	NM_009188	
547	1441298_at	0.001813	489.1	585.3	Synb3	BB729922	NM_021287	
548	1423586_at	0.001814	573.2	730.27	Axl	AA500897	NM_009465	
549	1433712_at	0.001832	3613.43	4217.53	---	AV032365	---	

Table 8

550	1424078_s_at	0.001834	982.93	1156.1	Pex6	BC003424	NM_145488
551	1423078_a_at	0.001835	1724	2449.8	Sc4mcl	AK005441	NM_025436
552	1453414_at	0.001837	107.5	156.23	Ypel12	BB133023	NM_001005341
553	1418647_at	0.001843	1784.47	2043.53	Gna-rs1	BF577955	NM_008136
554	1448277_at	0.001843	414.37	591.2	Pold2	NM_008894	NM_008894
555	1417271_a_at	0.001846	380.77	611.67	Eng	NM_007932	NM_007932
556	1424935_at	0.001854	908.63	1086.7	Gdapl11	BC019941	NM_144891
557	1422966_a_at	0.001859	545.93	1031.73	Tfrc	BB810450	NM_011638
558	1434946_at	0.001859	1351.27	1612.63	C330021A05Rik	BB303415	NM_153082
559	1421815_at	0.001862	1160.3	1377.17	Epd42	AF353717	NM_134065
560	1419022_a_at	0.001874	12747.1	18328	Eno1	NM_023119	NM_001025388
561	1430307_a_at	0.001877	1360.57	1648.8	Mod1	AK006387	NM_008615
562	1455499_at	0.001903	308.37	561.57	Nrxn2	BE949064	NM_020253
563	1431932_s_at	0.001904	328.23	396.07	Trim44	AK015519	NM_020267
564	1425553_s_at	0.00191	1031.73	1301.53	Hip1x	AA590970	NM_145070
565	1439954_at	0.00192	161.17	412.13	Gfm2	6430514M23Rik	AI849139
566	1426590_at	0.00193	228.9	311.93	Gfm2	BB497484	NM_177266
567	1426763_at	0.001937	3967.23	4546.73	Oaz2	AW214584	NM_010952
568	1434902_at	0.001938	736.03	1051.23	Rnf157	BB163668	NM_126776
569	1423169_at	0.00194	119	181.7	Taf7	AV213552	NM_011901
570	1421789_s_at	0.001941	1481.2	3051.23	Arf3	NM_007478	NM_175770
571	1415907_at	0.001944	451.83	618.27	Ccnd3	NM_007632	NM_007632
572	1422513_at	0.001944	124.43	237.47	Ccnf	NM_007634	NM_007634
573	1426554_a_at	0.001947	7737.3	9723.03	Pgam1	BI407347	NM_023418
574	1456603_at	0.001951	251.67	341.33	1500005K14Rik	BG070087	---
575	1424661_at	0.001955	744.13	1018.93	Pmpca	AK004549	NM_173180
576	1423365_at	0.001959	467.8	716.1	Cacna1g	AW494038	NM_009783
577	1415831_at	0.00196	4680.2	5718.97	Psmc2	NM_134101	NM_134101
578	1438546_x_at	0.001974	1455	2147.4	Slc25a5	C81442	NM_007451
XM_619211 /// XM_619637							
579	1447711_x_at	0.001978	149.97	260.57	4933412E12Rik	BB265147	---
580	1427529_at	0.001979	165.53	237.27	Fzd9	Y17709	XM_284144
581	1415965_at	0.001981	139.5	346	Scd1	NM_009127	NM_009127
582	1422465_a_at	0.001984	241.1	310.63	Nxn	BB366804	NM_008750
583	1423294_at	0.001988	648.77	1151.5	Mest	AW555393	NM_008590
584	1435411_at	0.001993	1436.43	1686.23	Neurod2	BE950834	NM_010895
585	1451256_at	0.001999	337.4	535.07	Gpr172b	BC016264	NM_029643
586	1459729_at	0.002011	142.33	394.27	Slc13a5	BE979238	NM_001004148
587	1421097_at	0.002012	488.07	697.73	Endog	NM_007931	NM_007931
588	1423737_at	0.002014	5719.6	6469.57	Ndufs3	BC027270	NM_026688



Table 8

589	1448656_at	0.002015	3194.83	4293.33	Cacnb3	NM_007581	NM_007581
590	1435003_at	0.002019	4598.1	5496.77	Pik4ca	BM207220	NM_001001983
591	1417670_at	0.002022	493.4	652.9	Timm44	NM_011592	NM_011592
592	1432430_a_at	0.002029	186.5	306.53	1700081L1Rik	AK006970	XM_109700 /// XM_489741
593	1449319_at	0.002031	227	404.87	Resp1	NM_138683	NM_138683
594	1426517_at	0.002043	2307.5	2871.2	Gnaz	AI326356	NM_010311
595	1440282_at	0.002052	39.1	88.73	Tulp4	2210038L17Rik	BB268998 NM_054040
596	1419666_x_at	0.002054	307.13	469.13	Nupr1	NM_019738	NM_019738
597	1450708_at	0.002054	5770.17	7677.37	Scg2	NM_009129	NM_009129
598	1452308_a_at	0.002079	2450.93	3493.43	Atpla2	BB462665	NM_178405
599	1430026_at	0.002085	109.67	153.03	Stch	AK021006	NM_030201
600	1430274_a_at	0.002089	1083.17	1266.07	Stard3n1	AK018331	NM_024270
601	1424013_at	0.002103	1711.83	2135.03	Eef1	BC013717	NM_144866
602	1451981_at	0.002104	1142.77	1759.17	Gtgeo22	AF303106	NM_148934
603	1417943_at	0.002106	256.7	353.97	Gng4	NM_010317	NM_010317
604	1428383_a_at	0.002107	888.63	1167.3	2310021P13Rik	BC026504	---
605	1445151_at	0.002107	135.23	251.53	---	BB377000	---
606	1419224_at	0.002108	929.5	1253.93	Cecr6	NM_033567	NM_033567
607	1428788_at	0.002115	1723.87	1960.13	1700012G19Rik	W59405	NM_025954
608	1452170_at	0.002116	567.2	826.53	Vamp2	BG871810	BC019714 ---
609	1420834_at	0.002118	10001.5	12173.1	Hpk3	NM_010434	NM_010434
610	1419191_at	0.002124	218	443.53	Dcamk1l	BQ174703	NM_019978
611	1423125_at	0.002127	2422.13	3501.33	Rab3a	AV344962	NM_009001
612	1459980_x_at	0.002129	4331.33	6659.17	Celsr2	AB028499	NM_017392
613	1422073_a_at	0.002135	1137.87	1364.93	Pfn1	NM_011072	NM_011072
614	1449018_at	0.00214	2781.3	3193.53	Bsdcl	BF729638	NM_133889
615	1452372_at	0.002152	444.07	540.7	Nmp1	AV297071	NM_010925
616	1415957_a_at	0.002173	2652.73	3315.8	Med9	BC019367	NM_138675
617	1449448_at	0.002174	575.27	664.13	Relbp2	NM_019484	NM_011568 /// NM_019484
618	1422993_s_at	0.002177	477	581.7	Thoc4	2410026K10Rik	AK004342 NM_025584
619	1428850_x_at	0.002194	604.2	934.33	Dcna	AF143544	NM_010087 /// NM_207650
620	1426066_a_at	0.002207	867.53	1181.17	Bco06616	NM_019757	---
621	1419451_at	0.002213	876.8	1149.6	Fzr1	BC006616	NM_019757
622	145506_at	0.002215	127.73	236.1	---	BB650825	---
623	1416766_at	0.002228	2010.27	3024.17	Mosc2	NM_133684	NM_133684
624	1450859_s_at	0.002232	3403.43	4265.93	Ube2d3	AK009276	NM_025356
625	1442557_at	0.002232	277.63	483.23	---	BB388293	---
626	1436571_at	0.002236	625.07	694.87	---	AV267369	---
627	1452307_at	0.002237	589.7	905.73	Cables2	BB667491	NM_145851
628	1438408_at	0.002238	827.47	973.77	5730467H21Rik	BB131927	NM_175270

Table 8

629	1451158_at	0.002239	173.9	291.83	Trp12	EG923744	NM_133975	
630	1430552_a_at	0.002245	692.17	1082.97	Sbf1	AK020972	XM_358316	
631	1435722_at	0.002251	1758.87	2125.6	Gria4	BB130399	NM_019691	
632	1439741_x_at	0.002251	109.97	200.83	At481316	AD018180	---	
633	1416701_at	0.002252	342.9	661.17	Rnd3	BC009002	NM_028810	
634	1424982_a_at	0.002256	250.2	300.53	2700078E11Rik	BB137173	NM_030197	
635	1427307_a_at	0.002269	424.67	512.3	Dab1	BB644109	NM_010014	/// NM_177259
636	1416758_at	0.002274	172.13	389.83	Arhgap27	NM_133715	XM_618932	/// XM_618933
637	1425933_a_at	0.002274	654.1	845.47	Nt5c2	BC006028	NM_029810	
638	1451872_a_at	0.002282	309.57	465.4	Neur1	AF400063	NM_021360	
639	1438905_x_at	0.002284	335.2	568.07	C030046T01Rik	BB765277	NM_177994	
640	1423845_at	0.002288	677.73	955.4	Csd2	BC016109	NM_145473	
641	1420839_at	0.002293	429.73	571.47	Plekha3	BB780848	NM_031256	
642	1417015_at	0.002301	115.53	244.47	Rassf3	BB703307	NM_138956	
643	1420403_at	0.002302	3952.13	7391.03	Atp2b2	NM_009723	NM_009723	
644	1432543_a_at	0.002302	759.87	938.33	Klf13	AK002926	NM_021366	
645	1419188_s_at	0.002313	4316.43	5179.5	Ccl27	NM_011336	NM_011336	
646	1415988_at	0.002314	203.5	390.67	Hdlbp	BG065877	NM_133808	
647	1421093_at	0.002318	483.47	654.13	Slc7a10	NM_017394	NM_017394	
648	1423588_at	0.00232	2283.77	2563.63	Arpc4	BG145444	NM_026552	
649	1426081_a_at	0.002322	1011.1	1469.8	Dlo2	AF177197	NM_010050	
650	1426648_at	0.002322	416.13	646.63	Mapkapk2	BG918951	NM_008551	
651	1448218_s_at	0.002323	5984.93	8544.77	Ywhaz	AV027921	NM_011740	
652	1439859_at	0.002327	384.13	573.6	9630033F20Rik	BB278948	NM_177003	
653	1433703_s_at	0.002331	700.13	954.9	Bahd1	BM115038	XM_130491	
654	1452245_at	0.002333	128.63	205.3	G630039L02	BB627486	XM_618988	
655	1454995_at	0.002334	1489.97	2024.67	Ddah1	AW556888	NM_026993	
656	1426383_at	0.002341	1590.67	2065	Cry2	BF303057	NM_009963	
657	1448110_at	0.002354	433.37	762.17	Sema4a	NM_013658	NM_013658	
658	1450062_a_at	0.002356	5910.53	6888.17	Maged1	NM_019791	NM_019791	
659	1447062_at	0.002356	187.6	262.3	Vps24	BG073566	NM_025783	
660	1450247_a_at	0.00236	1168.57	2164.93	Scamp5	NM_020270	NM_020270	
661	1425608_at	0.002361	199.6	258.03	Dusp3	BC016269	NM_028207	
662	1421042_at	0.002367	834.4	1464.37	Arhgef2	NM_008487	NM_008487	
663	1435548_at	0.002371	200.53	314.73	Mrs21	BB015377	NM_001013389	
664	1426023_a_at	0.00238	351.3	486.7	Rabep1	AF248489	NM_019400	
665	1424100_s_at	0.002385	2649.7	3687.53	1500001H12Rik	BC023032	NM_021316	
666	1425106_a_at	0.002388	402.07	552.07	Wars	BC003450	NM_011710	
667	1422576_at	0.00239	5787.13	6469.03	Scal0	NM_016843	NM_016843	

Table 8

668	1420140_at	0.002402	154.8	320.13	Bedin3	AA407595	NM_144913	
669	1423927_at	0.002407	373.07	542.13	SLC35b2	BC025875	XM_128634	
670	1426975_at	0.002407	512.63	728.67	4632413K17R1k	BG067859	NM_177614	
671	1450623_at	0.002417	5815.3	8698.9	Gmb2	NM_010312	NM_010312	
672	1433446_at	0.002427	1740.93	2728.9	Hmgcs1	BB705380	NM_145942	
673	1460411_s_at	0.002427	247.03	390	AW548124	BC022157	NM_134117	
674	1417986_at	0.00243	300.23	533.5	Nrarp	BI696369	NM_025980	
675	1451168_a_at	0.002435	4478.6	6218.8	Arhgdia	BC004732	NM_133796	
676	1460042_at	0.002435	40.23	194.57	SLC23a3	AY293965	NM_194333	
677	1419190_at	0.002436	348.47	563.03	Vtla	BC019386	NM_016862	
678	1425784_a_at	0.002436	10461.9	13549.33	Olfml	D78264	NM_019498	
679	1440274_at	0.002438	213	327.13	Rapgef4	BE948992	NM_019688	
680	1451592_at	0.002439	816.37	1152.33	NGI:2446472	AF364868	NM_145579	
681	1450202_at	0.002441	1234.07	2031.03	Grin1	NM_008169	NM_008169	
682	1416590_a_at	0.00245	348.27	451	Rab34	AF327929	NM_033475	
683	1455963_at	0.002453	621.4	789.2	6332401019R1k	AV317707	NM_177013	
684	1435638_at	0.002457	2691.43	4024.47	Gsk3a	BC808297	NM_001031667	
685	1439647_at	0.002463	448.83	614.9	LOC433698	LOC545611	AV257990	XM_485371 /// XM_620023
686	1428070_at	0.002484	640.17	776.8	Sytn1	AK004688	NM_028769	
687	1423892_at	0.002487	4530.7	5759.97	Apbb1	AF206720	NM_009685	
688	1421622_a_at	0.002501	1785.07	2616.03	Rapgef4	NM_019688	NM_019688	
689	1426327_s_at	0.002513	412.73	476.87	Cntf	Zfp91	U05343	NM_053007 /// NM_170786
690	1453097_a_at	0.002516	1468.4	2062.97	Ubt1	AK004961	NM_011551	
691	1420876_a_at	0.002522	637.6	825.67	6-Sep	NM_019942	NM_019942	
692	1424116_x_at	0.002522	2259.67	2786.23	Ppp5c	BC003744	NM_011155	
693	1433821_at	0.002522	342.4	469.6	1110012D08R1k	BB489180	NM_178066	
694	1456813_at	0.002529	384.9	557.13	---	AI854058	---	
695	1429568_x_at	0.002537	778.07	939.83	2510010F15R1k	AK007937	NM_026454	
696	1418444_a_at	0.00254	5969.83	8045.23	MGI:1891827	BC003902	NM_019580	
697	1449054_a_at	0.002542	1521.13	1965.4	Pcbp4	NM_021567	NM_021567	
698	1447625_at	0.002542	645.8	3448	E2f5	BB286270	NM_007892	
699	1448298_at	0.002552	752.7	1183.6	Thk2	NM_016788	NM_016788	
700	1436077_a_at	0.002557	626.77	930.63	Fchol	BF730694	NM_028715	
701	1451748_a_at	0.002561	2373.63	2837.23	D12Etd771e	BC019973	NM_028262	
702	1450846_at	0.002565	1370.6	2077.1	B2w1	AV144956	NM_025824	
703	1431415_a_at	0.002566	751.17	1063.93	Tbpl1	AK005604	NM_011603	
704	1417954_at	0.002568	4231.53	7032.43	Sst	NM_009215	NM_009215	
705	1423239_at	0.002579	757.77	1144.7	Impdh1	BB351792	NM_011829	
706	1450451_at	0.002579	348.3	818.73	Spock2	NM_052994	NM_052994	
707	1420388_at	0.002585	494.6	674.9	Prss12	NM_008939	NM_008939	

Table 8

708	1421768_a_at	0.002588	739.37	1243.73	Homert1	NM_011982	NM_011982	///	NM_147176	///	NM_152134
709	1436393_a_at	0.00259	2515.73	3206.37	Trim37	BG065227	NM_197987				
710	1455750_at	0.002591	262.67	369.13	BC053994	BE852799	XM_355347				
711	1451248_at	0.002601	824.9	1106.23	BC006705	NM_145404					
712	1416250_at	0.002606	588.77	908.23	Btg2	NM_007570	NM_007570				
713	1450187_a_at	0.00261	1653.57	2123.07	Galt	NM_016658	NM_016658				
714	1416013_at	0.002617	7423.63	11883.13	Pld3	NM_011116	NM_011116				
715	1444513_at	0.002617	363.27	602.57	Ctkstr2	AI854548	NM_177751				
716	1418784_at	0.00262	2074.8	2728.1	Grik5	NM_008168	NM_008168				
717	1434156_at	0.002627	3564.7	4123.33	Rab11fip4	BB046187	NM_175543				
718	1448851_a_at	0.002629	1349.43	1666.23	Dnajc5	AK012029	NM_016775				
719	1435598_at	0.002632	820.23	1238	Shc2	BE996371	XM_125779				
720	1436703_x_at	0.002635	1794.8	2970.6	Snape2	BB461550	NM_133968				
721	1456338_at	0.002636	455.27	546.23	9130023D20Rik	BE647302	NM_178746				
722	1423881_at	0.002638	867.77	1315.93	Saps3	BC008529	NM_029456				
723	1450727_a_at	0.002639	1145.63	1497.3	Polidp2	NM_026389	NM_026389				
724	1456767_at	0.002639	538.87	731.83	Lrfn3	AV062156	NM_175478				
725	1452057_at	0.002647	2197.07	2843.67	Actrlb	BG801851	NM_146107				
726	1419344_at	0.002654	347.17	641.97	Tctel	NM_013688	NM_013688				
727	1431257_at	0.002655	45.47	101.23	6230409E13Rik	BQ180307	NM_175234				
728	1426522_at	0.002678	1876.67	2242.1	Hadhb	BG866501	NM_145558				
729	1417303_at	0.002693	243.4	500.23	Mwd	NM_138656	NM_138656				
730	1448413_at	0.002693	591.5	734.93	MGT:2385237	BC026972	NM_146165				
731	1424151_at	0.002699	1227.3	1590.07	MG1:2385237	BC026972	NM_146165				
732	1433915_s_at	0.002706	1040.17	1355.37	Epn2	BG794880	NM_010148				
733	1438514_at	0.002706	113.7	213.67	Npc111	AV377091	NM_207242				
734	1454770_at	0.002708	1351.67	2069.47	Cckbr	AV221910	NM_007627				
735	1417119_at	0.002709	261.6	359.73	Zfp11	NM_024231	NM_024231				
736	1423746_at	0.002714	922	1176.13	Tyndc5	BC016252	NM_145367				
737	1417481_at	0.002715	3703.33	4601.47	Ramp1	NM_016894	NM_016894				
738	1451753_at	0.002718	668.07	991.7	Plxna2	D86949	NM_008882				
739	1435651_a_at	0.002719	221.7	418.7	Smarcd1	BM055692	NM_007958				
740	1424222_s_at	0.00272	1392.97	2073.5	Rad23b	BC006751	NM_009011				
741	1435549_at	0.002721	181.17	249.87	Trpm4	BI685685	NM_175130				
742	1423283_at	0.002724	3752.97	4560.8	Pitpna	AA239637	NM_008850				
743	1448237_x_at	0.00273	7516.73	11216.27	Ldh2	NM_008492	NM_008492				
744	1421992_a_at	0.002744	645.43	1054.8	Igfbp4	NM_010517	NM_010517				
745	1426051_a_at	0.002748	1056.53	1418	Cenpb	BC006628	NM_007682				
746	1426450_at	0.002748	1676.03	2290.27	Plcl2	BM207017	NM_013880				

Table 8

747	1418452_at	0.002752	752.83	964.8 Gng2	BB522409	NM_010315	
748	1450728_at	0.002754	739.97	1031.5	Fjxl	AV230815	NM_010218
749	1422168_a_at	0.002756	325.93	926.27	Bdnf	AY057913	NM_007540
750	1441910_x_at	0.002762	349.6	668.5 Ccnel	BB293079	NM_007633	
751	1441312_at	0.002775	383.33	557.6 ---	BE957323	---	
752	1421176_at	0.002784	912.8	1580.03	Rasgrp1	BB354696	NM_011246
753	1422593_at	0.00279	4407.7	5213.03	Ap3s1	NM_009681	NM_009681
754	1451280_at	0.002796	4976.9	6116.97	MGI:107562	BB159263	NM_028755 /// NM_033264
755	1418137_at	0.002798	1905.77	2373.93	Mtp63	NM_026401	NM_026401
756	1425777_at	0.002798	606.2	855.97	Cacnb1	AY094173	NM_031173 /// NM_145121
757	1448312_at	0.002798	6475.17	7870.2	Pcsk2	NM_008792	NM_008792
758	1426761_at	0.002802	858.97	1047.8	Acf2	AK007763	NM_133872
759	1452216_at	0.002809	268.8	409.9	BC025519	BB494388	NM_001030014
760	1418274_at	0.002814	1278.57	1490.13	Nutl2	AA920031	NM_026532
761	1437536_at	0.002816	862.83	1284.07	Fkbp	BM951276	NM_173430
762	1448596_at	0.002817	767.17	1095.7	Slc6a8	BC069516	NM_133987
763	1451344_at	0.002819	471.03	659.53	BC025600	BC025600	NM_146162
764	1416466_at	0.002831	8090.97	8588.87	Vapa	BB037317	NM_013933
765	1448978_at	0.002831	5247.8	6833.5	Ngef	NM_019867	NM_019867
766	1452684_at	0.002834	369.37	674.17	Akt1s1	BM068933	NM_026270
767	1460724_at	0.002839	1381.97	2125.53	Ap2a1	NM_007458	NM_007458
768	1450114_at	0.002842	197.6	380.47	Ksr	NM_013571	NM_013571
769	1459019_at	0.002847	1328.6	2023.1	Sprn	BB284188	NM_183147
770	1418532_at	0.002848	208.17	388.4	Fzd2	BB371406	NM_020510
771	1427385_s_at	0.002851	274.7	596	Actn1	BC003232	NM_134156
772	1416562_at	0.002852	2786.23	3569.03	Gad1	AF326547	NM_008077
773	1429228_at	0.002852	239.13	306.17	4930534B04Rik	BB980134	NM_181815
774	1436387_at	0.002858	2269.53	6342.33	C330006P03Rik	BB398124	---
775	1434950_a_at	0.002859	1490.07	1919.97	Armc8	BE995635	NM_028768
776	1445004_a_at	0.002865	76.03	159.33	A330068P14Rik	AW822930	NM_001024927
777	1428381_a_at	0.002883	1989.17	2291.6	2700038C09Rik	BB68450	NM_025598
778	1421925_at	0.0029	165.57	306.27	Mapk11	AV329330	NM_011161
779	1455289_at	0.002902	873.8	1162.6	Ankrd13b	BQ174304	NM_172945
780	1429555_at	0.002916	1222.67	1752.77	1110019C08Rik	AA408371	NM_171826
781	1426167_a_at	0.002921	558.47	645.3	Camk4	M64266	NM_009793
782	1436380_at	0.002922	553.17	890.93	Cdc42bpa	BS518726	XM_619711
783	1432569_at	0.002927	49.73	107.13	1700121K02Rik	BF152799	XM_484016
784	1424051_at	0.002933	475.8	659.1	Col4a2	BC013560	NM_009932
785	1427100_at	0.002934	578.57	1189.77	Metrn	BE947704	NM_133719
786	1440676_at	0.002934	79.47	116.03	A830043J08Rik	BB269760	NM_173425

Table 8

787	1451285_at	0.002939	1861.4	2961	Fus	AF224264	NM_139149	
788	1432181_s_at	0.002949	358.5	567.77		BCgf1 AK013765	NM_138302	
789	1417933_at	0.00295	1315.83	2089.07		Igf2p6	NM_008344	NM_008344
790	1421339_at	0.002954	334.07	643.4	Excl3	NM_018788	NM_018788	
791	1460239_at	0.002956	5026.9	5806.67	Tspanl3	BB807707	NM_025359	
792	1438017_at	0.002963	1159.63	1605.33	Rusc1	AV327629	NM_028188	
793	1423972_at	0.002969	1072.2	1229.7	Etfa	BC003432	NM_145615	
794	1436137_at	0.002976	4611.23	5915.2	Slc6a17	AV340147	NM_172271	
795	1424332_at	0.002984	318.83	534.27	Rab40c	AF422144	NM_139154	
796	1451693_a_at	0.002987	2185.17	2616.53	Fgf12	AF020738	NM_010199	/// NM_183064
797	1451207_at	0.003012	1072	1585.73	Cbaral	BC023022	NM_144822	
798	1432211_a_at	0.003013	351.27	520.07	Fbxo9	AK018482	NM_023605	
799	1428842_a_at	0.003016	4538.83	6958.8	Ngfra1	BT407690	NM_009750	
800	1423299_at	0.003017	1459.17	1650.33	Txn11	BT416051	NM_016792	
801	AFEX-MUR_b2_at	0.003018	867.47	1064.03	---	AFEX-MUR_b2	---	
802	1435268_at	0.003021	1010.6	1161.03	---	BB274357	---	
803	1433619_at	0.003022	256.47	399.2	At894139	BB211528	NM_178898	
804	1437107_at	0.003024	1623.5	2102.6	Rab6b	AV220161	NM_173781	
805	1416183_a_at	0.003033	7815.4	12385.27	Ldh2	NM_008492	NM_008492	
806	1438788_at	0.003033	345.07	495.57	DWsu152e	BG63186	---	
807	1421388_at	0.003034	319.57	567.97	Me2d	NM_133665	NM_133665	
808	1428155_at	0.003042	662.37	929.77	Comm9	AK007640	NM_029635	
809	1460424_at	0.003044	1841.13	2702.3	181008021Rik	BT411309	NM_026938	
810	1423231_at	0.003049	11396.67	19322.3	Nrgn	AK002933	NM_022029	
811	1422331_at	0.003058	152.5	288.33	Pou3f3	NM_008900	NM_008900	
812	1433714_at	0.003063	4300.47	6019.03	Sult4a1	AV338618	NM_013873	
813	1434181_at	0.003065	938.87	1297.03	Plekhcl	BG070082	NM_146054	
814	1417567_at	0.003074	715.2	1211.97	Ctnnb1p1	BF457754	NM_023465	
815	1448362_at	0.003074	1699.83	2497.63	Dnajc7	NM_019795	NM_019795	
816	1453634_a_at	0.003083	771.83	1063.77	Erp29	AK013303	NM_026129	
817	1452653_at	0.003084	2397.5	3530.37	Slc25a22	AK018760	NM_026646	
818	1417533_a_at	0.003088	495.33	650.13	Itgb5	NM_010580	NM_010580	
819	1457318_at	0.003091	255.83	345.37	A33000817Rik	AA219807	NM_175479	
820	1450838_x_at	0.003093	302.07	465.97	Rpl37	LOC383438	AV110626	NM_026069
821	1426889_at	0.0031	438.43	649.37	4930566A11Rik	BG070377	NM_029468	/// XM_357054
822	1452269_at	0.003101	7181.97	9905.13	Spnb3	AF026489	NM_021287	
823	1420070_a_at	0.003106	78.67	151.03	Gm696	AM061092	XM_204297	
824	1422763_at	0.003107	864.23	1181.13	Gipcl	NM_018771	NM_018771	
825	1454023_a_at	0.003107	507.47	775.13	D1Bwg1365e	AK006466	NM_001001565	/// NM_001001566

Table 8

826	1422302_s_at	0.003115	3309.27	4016.57	Fc11	Fc12	NM_008049	NM_008049	///	NM_010240	///	NM_619122
827	1433460_at	0.003118	5259.53	6196.57	Ttc7b	EB329157	NM_127105					
828	1420530_at	0.003131	887.67	1077.5	Neud4	AM55317	NM_013874					
829	1428142_at	0.003133	1934.7	2443	ECV5	AK003461	NM_023794					
830	1418937_at	0.003136	2264.93	3218.93	D1o2	AF177196	NM_010050					
831	1427782_a_at	0.003136	338.5	507.47	Cchr1	AF369656	NM_007762					
832	1437966_at	0.003148	641.37	1030.87	B230206N24Rik	AV329802	NM_172487					
833	1452812_at	0.003154	2331.43	4876.47	Iphm1	AA987131	NM_181039					
834	1418927_a_at	0.003156	2004.63	2475.4	Hddp4	NM_019986	NM_019986					
835	1447937_a_at	0.003159	384.83	483.33	4933409K07Rik	BB379724	NM_178649	///	NM_620015	///	NM_620016	
836	1428485_at	0.003161	111.47	227.07	Mrps2	AV031454	NM_080452					
837	1420845_at	0.003165	366.1	547.77	D1ras1	BQ042613	NM_145217					
838	1451820_at	0.003169	215.77	421.87	AK005257	NM_133134						
839	1429634_at	0.003171	631.3	971.3	Zfp580	AK005257	NM_133134					
840	1420852_a_at	0.003176	256.57	395	B3gnt1	AV306734	NM_016888					
841	1458772_at	0.003178	32	62.37	Lphn3	BB456450	NM_198702					
842	1433886_at	0.003185	1031.27	1254.47	E1f2b5	AI327005	NM_172265					
843	1421071_at	0.003193	423.6	764.73	Vhlh	NM_009507	NM_009507					
844	1421847_at	0.003196	6006	7130.97	Wsb2	BM730566	NM_021539					
845	1451045_at	0.003198	2114.77	2850.97	Sylt13	BB648447	NM_030725					
846	1452441_at	0.003199	110.87	214.37	Phf3	AW910425	NM_129836					
847	1455202_at	0.003204	798.2	1037.67	Gm50	BQ176021	NM_001007573					
848	1450023_at	0.00321	757.63	927.8	Gtpbp1	AK004612	NM_013818					
849	1422268_a_at	0.003211	232.03	316.17	Rps6kb2	NM_021485	NM_021485					
850	1427057_at	0.003216	1727.17	2462.83	C630002B14Rik	BC020154	NM_175331					
851	1426263_at	0.00323	4865.37	6316.6	Igsf4c	AY059394	NM_153112					
852	1455363_at	0.003245	1604.6	2388.77	Ba11	BC261923	NM_174991					
853	1425068_a_at	0.003246	1483.97	1969.83	Tex264	BC002248	NM_011573					
854	1416400_at	0.003249	287.63	403.23	Eycr1	NM_025412	NM_025412					
855	1417311_at	0.003255	2945.3	4179.23	Crip2	NM_024223	NM_024223					
856	1422705_at	0.003273	308.5	582.8	Imepai	AV370981	NM_022995					
857	1421063_s_at	0.003276	15903.57	20599.9	Sharpn	Sharf	NM_033174	NM_013670	///	NM_033174		
858	1451092_a_at	0.003279	1317.07	2084.67	Rangap1	AV258722	NM_011241					
859	1417002_at	0.00328	2844.4	3475.2	0610012G03Rik	BC021536	NM_025320					
860	1428292_at	0.003296	99.03	163.47	Ndori1	AK019617	NM_178239					
861	1448242_at	0.003299	848.53	1330.2	Sec61a1	BC003707	NM_016906					
862	1426579_at	0.003307	626.5	1038.93	Gnl2	BM199850	NM_145552					

Table 8

863	1441959_s_at	0.00331	461.6	691.87	1200003C05Rik	BB028104	NM_024205	
864	1416960_at	0.003314	1367.7	1805.23	B3gat3	NM_024256	NM_024256	
865	1460700_at	0.003314	510.37	666.17	Stat3	AK004083	NM_011486	/// NM_213659 /// NM_213660
866	1416685_s_at	0.003322	1341.1	1639.63	Pbl	LOC545184	NM_007991	/// NM_007991 /// XM_619425
867	1460652_at	0.003322	627.1	828.7	Esrra	NM_007953	NM_007953	
868	1431170_at	0.003332	932.47	1364.27	Efn3	AA388313	---	
869	1435687_at	0.003332	3551.17	4306.93	Sv2b	BB269117	NM_153579	
870	1460206_at	0.003333	488.83	1028.03	Grasp	NM_019518	NM_019518	
871	1450408_at	0.003346	366.97	573.67	C1cn7	NM_011930	NM_011930	
872	1424239_at	0.003356	817.3	950.93	231066E14Rik	BC006820	XM_486159	
873	1448280_at	0.003357	12786.47	17168.83	Syp	NM_009305	NM_009305	
874	1415694_at	0.003359	1154.93	1446.37	Wars	AK004541	NM_011710	
875	1451829_a_at	0.003361	88.23	212.67	Nf2	L27105	NM_010898	
876	1448479_at	0.003372	1500.43	1768.6	Psm3	NM_009439	NM_009439	
877	1424225_at	0.003375	904.67	1119.4	Asb8	AF398969	NM_030121	
878	1417690_at	0.003384	834.23	1394.93	Prkag1	NM_016781	NM_016781	
879	1441331_at	0.003391	652.67	911.8	A230061C15Rik	BB153043	---	
880	1440159_at	0.003394	33.9	70.83	1700010B09Rik	AV046850	---	
881	1418335_a_at	0.003409	459.5	631.03	Dph1	MGI:2179725	NM_027136	/// NM_027136 /// NM_144491
882	1418711_at	0.003414	278.6	461.7	Pdgfra	BB371842	NM_008808	
883	1448751_at	0.003414	1237.9	1632.3	Ap3m2	BC027301	NM_029505	
884	1417392_a_at	0.003428	66.3	107.03	S1c7a7	NM_011405	NM_011405	
885	1436468_at	0.003432	1383.6	2139.73	Zdhc8	BB553914	NM_172151	
886	1415823_at	0.003435	5453.73	8010.97	Sec2	BG060909	NM_009128	
887	1435229_at	0.003439	1426.4	1766.47	A93008A22Rik	BT729743	NM_172768	
888	1424365_at	0.003444	3319.7	4413.8	1810037117Rik	BC002135	NM_024461	
889	1421415_s_at	0.003453	164.27	291.37	Gcnt2	NM_008105	NM_008105	/// NM_023887 /// NM_133219
890	1416750_at	0.003463	633.17	979.07	Oprsl	NM_011014	NM_011014	
891	1425781_a_at	0.003463	537.2	799.47	P1cb1	U85714	NM_019677	
892	1450945_at	0.00347	376.43	522.93	Prkca	BM246539	NM_011101	
893	1451395_at	0.003478	995.2	1276.87	D5Bwg0834e	BC021492	NM_144819	
894	1450212_at	0.003482	360.03	717.37	Fmnl1	NM_019679	NM_019679	
895	1422169_a_at	0.003483	291.53	597.47	Bdnf	AY057913	NM_007540	
896	1451181_at	0.003492	180.77	500.93	2410080J05Rik	AF488729	NM_153776	
897	1420933_a_at	0.003497	253.7	366.93	Eya3	AT146570	NM_010166	/// NM_210071 /// NM_211356 /// NM_211357
898	1450863_a_at	0.003512	8700.2	11188.57	Dcamk1l	BQ174703	NM_019978	
899	1425361_at	0.003519	195.37	275.9	Zfp397	BC021456	NM_027007	
900	1428511_at	0.003521	902.2	1036.53	Phkg2	AK005277	NM_026888	
901	1421281_at	0.003536	7763.6	8285.4	Gabra1	Z36357	NM_010250	
902	1418744_s_at	0.003546	1229.37	1716.03	MGI:1930803	NM_021344	NM_021344	



Table 8

903	1423054_at	0.003546	1221.37	1634.1	Wdr1	AK004644	NM_011715	
904	1424550_at	0.003546	366.43	539.87	Zfyve27	BB663137	NM_177319	
905	1423427_at	0.00355	262.93	418.83	Adcyap1	AI323434	NM_009625	
906	1428356_at	0.003556	527.8	705.37	Osbp2	AI326285	NM_152818	
907	1434504_at	0.003558	773.67	1040.17	Zfyve28	BB132074	NM_001015039	
908	1418795_at	0.003566	229.33	411.23	Cds2	BB487604	NM_138651	
909	1431752_a_at	0.003577	645.4	970.2	2900073H19R1k	AK012124	NM_026615	
910	1429534_a_at	0.00358	1398.53	1895	Immt	BB222675	NM_029673	
911	1448692_at	0.003585	947.93	1232.1	Ubp1n4	BB764994	NM_033526	
912	1457212_at	0.003591	420.97	655.5	Nrxn3	BB396605	NM_172544	
913	1423453_at	0.003593	779.6	1004.83	C78541	BI408798	NM_133800	
914	1431072_a_at	0.0036	194.73	250.73		2610529H08R1k	BB865814	NM_001025615
915	1453556_x_at	0.0036	482.13	884.63		2410026K10R1k	AK002762	NM_025584
916	1454046_x_at	0.0036	1001.7	1280.33		4933424M23R1k	LOC260345	AK016901
917	1452399_at	0.003601	290.57	429.43	Rgs6	BB274058	NM_015812	
918	1422102_a_at	0.003602	210.23	303.6	Stat5b	BC024319	NM_011489	
919	1428195_at	0.003609	385.57	704.83	4631427C17R1k	BG072404	NM_021414	
920	1421877_at	0.003612	1371.43	1699.63	Mapk9	BC024514	NM_016961	/// NM_207692
921	1452219_at	0.003616	680.6	1296.2	Tmem63b	AV032559	NM_198167	
922	1416184_s_at	0.003625	823.23	1113.8	Hmgal	NM_016660	NM_001025427	/// NM_016660
923	1441325_at	0.003638	151.7	237.53	9430034D17R1k	BE952938	---	
924	1451182_s_at	0.003639	288.57	410.93	C730048E16R1k	BC014743	NM_144849	
925	1435867_at	0.003648	1007.2	1518.8	A630082K20R1k	BM244697	KM_145254	
926	1460260_s_at	0.003649	1628.7	2012.03	Kpna1	U20619	NM_008465	
927	1441993_at	0.003656	266.27	410.77	Ap3s2	BB762985	NM_009682	
928	1449888_at	0.00366	220.7	486	Epsa1	U81983	NM_010137	
929	1451002_at	0.003668	7562.1	10472.33	Ac02	AA034553	NM_080633	
930	1433485_x_at	0.003673	234.67	475.3	Gpr56	BF159976	NM_018882	
931	1434417_at	0.003684	552.67	642.33	---	BB022975	---	
932	1421580_at	0.003688	160.4	431.37	Cntnap1	NM_016782	NM_016782	
933	1438122_at	0.003689	115.07	154.67	2900006K08R1k	AV278574	NM_028377	
934	1437901_a_at	0.003708	244.97	2875.97	Vps41	BM240052	NM_172120	
935	1438565_at	0.003711	1297.23	1623.27	A830010M20R1k	BB464727	KM_620237	
936	1431644_a_at	0.003724	713.27	950.17	Ical1	AK005965	NM_010492	
937	1417381_at	0.003732	1005.2	1109.6	C1qa	NM_007572	NM_007572	
938	1443851_at	0.003735	141.6	288.73	8430415E04R1k	BE980275	NM_028980	
939	1454803_a_at	0.003736	787.5	1544.53	Hdac11	BB183559	NM_144919	
940	1423550_at	0.003745	718.13	993	S1c1a4	BB277461	NM_018861	
941	1428937_at	0.003748	5497.77	6371.1	Atp2b1	BI080417	NM_026482	
942	1439029_at	0.003757	319.53	486.47	Gpl2	BG069993	NM_173866	

Table 8

943	1424386_at	0.003758	773.37	1006.47	BC020184	BC020184	NM_144865
944	1453307_a_at	0.003758	1300.27	1634.03	Anapc5	AK003821	NM_021505
945	1434270_at	0.003769	9104.9	11672.1	Nptxr	AV221896	NM_030689
946	1426843_at	0.00377	256.93	333.8	BC023754	BG065569	NM_194348
947	1451096_at	0.003774	5141.2	6701.67	Ndufs2	BC016097	NM_153064
948	1415807_s_at	0.003776	894.7	1375.07	Sfrs2	AK011528	NM_011358
949	1454712_at	0.003788	759.83	1008.1	Mcart1	AW212577	NM_00100949
950	1451666_at	0.003808	2693	3066.27	Acly	BI456232	NM_134037
951	1418136_at	0.00381	202.67	389.77	Tgfb11	NM_009365	NM_009365
952	1418921_at	0.003813	1312	1597.8	Igsfab	AY059393	NM_053199
953	1435683_a_at	0.003828	1304.3	1979.13	Abcc5	AV150520	NM_013790
954	1423395_at	0.003833	3120.83	4837.4	Tsnax	BM021706	NM_016909
955	1432184_a_at	0.003837	289.4	573.57	2610204M08Rik	AK011884	NM_198411
956	1460278_a_at	0.00384	953.77	1249.83	D15Wsu75e	NM_134095	NM_134095
957	1433888_at	0.003861	8782.77	10795.37	Atp2b2	AV343478	NM_009723
958	1430163_at	0.003872	62.47	116.2	1810048P08Rik	AK010874	NM_133717
959	1421053_at	0.003873	1579.53	2742.87	Klf1a	NM_008440	NM_008440
960	1451540_at	0.003888	871.87	1080.07	Mpl1	BC009068	XM_134931
961	1459639_at	0.003893	281.63	450.27	Brsk2	BF461585	NM_00100929
962	1438001_x_at	0.003918	2420.27	3051.8	Dpl1	AY054377	NM_007874
963	1451110_at	0.003948	504.77	1033.97	Egln1	BE995700	NM_053207
964	1416956_at	0.003957	2829.77	3268.73	Kcnab2	U31908	NM_010598
965	1449063_at	0.003967	1200.23	1396.17	Sec2211	BC009024	NM_011342
966	1433932_x_at	0.003986	3703.37	5138.4	C030046I01Rik	AW553381	NM_177994
967	1424031_at	0.003987	306	392.23	Sux11	BC014719	NM_028965
968	1437300_at	0.004012	814.67	1093.3	Meft2d	BG067616	NM_133665
969	1417524_at	0.004019	2604.87	3240.23	Cnih2	NM_009920	NM_009920
970	1455200_at	0.004021	879.6	1698.97	Pak6	BB818370	XM_111790
971	1459832_s_at	0.004028	1050.77	1577.97	Ap1m1	BB433211	NM_007456
972	1448604_at	0.004034	265.47	452.33	Uck2	NM_030724	NM_030724
973	1460294_at	0.00404	147.4	239.2	Atp8a2	NM_015803	NM_015803
974	1434653_at	0.004042	3587.33	4192.1	Pck2b	AV026976	NM_172498
975	1437013_x_at	0.004047	6188	7883.23	Atp6v0b	AV339131	NM_033617
976	1420844_at	0.00405	279.73	558.83	Ubpqln2	AV171029	NM_018798
977	1450713_at	0.004052	4064.8	6313.8	Cspg5	NM_013884	NM_013884
978	1428345_at	0.00406	440.8	607.73	4932443D16Rik	BB229589	NM_028922
979	1458499_at	0.004065	314.53	661.9	Pde10a	AW123977	NM_011866
980	1450627_at	0.004073	5459.83	6642	Ank	NM_020332	NM_020332
981	1451354_at	0.004089	296.97	363.2	BC024806	BC024806	NM_172291
982	1450228_a_at	0.004091	607.5	1096.97	Pip5k1c	NM_008844	NM_008844

Table 8

983	1447883_x_at	0.004102	11063	16057.2	Map11c3a	BB299566	NM_025735
984	1451733_at	0.004103	32.37	91.17	Gent2	AB037596	NM_008105 /// NM_023887 /// NM_133219
985	1434801_x_at	0.004111	6172.93	8523.53	SLC25a5	AV026569	NM_007451
986	1436515_at	0.004119	382.87	491.1	EB30004N02Rik	BS529913	---
987	1424760_a_at	0.004123	2085.1	2641.1	Smyd2	BC023119	NM_026796
988	1460034_at	0.004127	633.37	1003.1	BC042901	BG063745	NM_175021
989	1418593_at	0.004128	460.83	550.63	Taf6	NM_009315	NM_009315
990	1452066_a_at	0.004131	4493.77	5273.37	Ndfip2	BE200196	NM_029561
991	1420954_a_at	0.004134	1346.27	2152.6	Add1	BF140063	NM_001024458 /// NM_013457
992	1417294_at	0.004138	616.13	794	Akr7a5	NM_025337	NM_025337
993	1449055_x_at	0.004149	1182.77	1584.03	Pcdp4	NM_021567	NM_021567
994	1421654_a_at	0.004157	460	739.9	Imua	NM_019390	NM_00102011 /// NM_019390
995	1428141_at	0.004176	681.73	860.57	Gga2	AK004632	NM_028758
996	1437591_a_at	0.004196	994.4	1544.8	Wdr1	AW542545	NM_011715
997	1426206_at	0.004205	120.43	182.4	Robo4	BC020129	NM_028783
998	1420533_at	0.004214	699.57	988.2	Gucyl1a3	AK004815	NM_021896
999	AFX-b-ActinMur/M12481_M	0.004218	16625	25266.6	Actb	AFX-b-ActinMur/M12481_M	NM_007393
1000	1445438_at	0.004222	365.97	548.17	Ddhd1	BB132393	NM_176845
1001	1426343_at	0.004225	541.63	806.8	1300006C19Rik	AK018758	NM_024222
1002	1418177_at	0.004233	3125.97	3780.5	Gabrg2	AF233778	NM_008702
1003	1443279_at	0.004234	69.33	112.83	MLk	BB204492	NM_008702
1004	1423418_at	0.004235	963.8	1374.47	Fdps	BI247584	NM_134469
1005	1424461_at	0.004235	4600.13	5369.47	Dctn2	BC004613	NM_027151
1006	1423592_at	0.00424	1758.9	1968.53	Rock2	BB761686	NM_009072
1007	1416906_at	0.004249	4273.67	5048.23	Anapc5	NM_021505	NM_021505
1008	1425490_a_at	0.004251	554.8	835.57	Wdr13	AK017549	NM_026137
1009	1423264_at	0.004273	796.63	1032.33	Bop1	BM213936	NM_013481
1010	1444439_at	0.004276	120.8	145.8	Bri3bp	BB280096	NM_029752
1011	1448183_a_at	0.004281	327.5	450.9	Hif1a	BB269715	NM_010431
1012	1442026_at	0.004282	374.97	614.33	---	AI467657	---
1013	1429416_at	0.004292	3380.4	5217.63	Ttc9b	AK013779	NM_355870
1014	1451229_at	0.004298	2212.17	2603.47	Hdac11	BC016208	NM_144919
1015	1421313_s_at	0.004305	542.53	700.97	Cttn	BI688355	NM_007803
1016	1460249_at	0.004306	207.1	232.8	Lmx2	NM_080795	NM_080795
1017	1456098_a_at	0.004311	1025.93	1474.2	Elmo2	BG076364	NM_080287 /// NM_207704 /// NM_207705 ///
NM_207706							
1018	1425368_a_at	0.004335	250.5	429.63	Numb	AF169192	NM_010949
1019	1436332_at	0.004344	169.47	256.73	Hspb6	BB755506	NM_001012401
1020	1433443_a_at	0.004349	6264.93	8457.47	Hmgcs1	BB705380	NM_145942
1021	1423757_x_at	0.004352	1206.87	1723	Igfbp4	BC019836	NM_010517

Table 8

1022	1460718_s_at	0.004352	4914.9	7116.27	Mechl	AF192558	NM_019880	
1023	1423986_a_at	0.004357	1691.07	2157.63	MG1	L915044	BC010238	NM_025858 /// NM_026381
1024	1422521_at	0.004361	2273	2935.43	Dctn1	NM_007835	NM_007835	
1025	1416353_at	0.004362	809.93	1006.1	Nr1h2	NM_009473	NM_009473	
1026	1423074_at	0.004367	543.57	640.13	Iman2	AK004952	NM_025828	
1027	1416204_at	0.004381	656.63	1326.43	Gpd1	BC019391	NM_010271	
1028	1450103_a_at	0.004385	2428.53	2910.37	Pscd2	NM_011181	NM_011181	
1029	1428275_at	0.004398	319.73	412.93	1110065107Rik	BE573480	XM_133990	
1030	1434415_at	0.004405	3170.33	4643.17	---	BB797871	---	
1031	1448559_at	0.004413	1904.13	2349.63	Floct1	NM_008027	NM_008027	
1032	1435512_at	0.004421	435.83	759.73	Al836003	BM114590	NM_177716	
1033	1440151_s_at	0.004435	2711.13	3587.57	Egfl	AV003223	NM_021519	
1034	1446392_at	0.004442	92.6	168.97	Slit2	BB527337	NM_178804	
1035	1424467_at	0.004448	458.7	608.67	Phldb1	BC025856	NM_153537	
1036	1427250_at	0.004449	10330.23	13209.33	Atp2a2	AA245637	NM_009722	
1037	1444384_at	0.00445	146.8	227.73	---	BB364291	---	
1038	1429080_at	0.004455	581.27	750.4	Mphosph10	AK008785	NM_026483	
1039	1437183_at	0.004458	1161.37	1590.93	Lrrc4b	AW491122	NM_198250	
1040	1417501_at	0.004463	622.03	880.4	Fbxo6b	NM_015797	NM_015797	
1041	1427158_at	0.004474	505.63	812.5	Mtps30	AV095945	NM_021556	
1042	1451700_a_at	0.004483	968.57	1305.2	1110007115Rik	BC019557	NM_026269	
1043	1434837_at	0.004485	134.8	155.53	Mdcl	BM203061	NM_001010833	
1044	1416069_at	0.004496	3809.8	4499.37	Pfkfb	NM_019703	NM_019703	
1045	1416700_at	0.004505	558.77	1004.53	Rnd3	BC009002	NM_028810	
1046	1436306_at	0.004514	697.2	1034.3	Saps1	AW324465	NM_172894	
1047	1448660_at	0.004515	2959.03	3494.03	Arhgdg	NM_008113	NM_008113	
1048	1458364_s_at	0.004519	527.6	732.53	---	BM068979	---	
1049	AFPX-b-ActinMur/M12481_5_at	0.004529	14121.3	21627.13	Actb	AFPX-b-ActinMur/M12481_5	NM_007393	
1050	1446955_at	0.004536	69.23	116.47	Mtps25	BG074954	NM_025578	
1051	1427718_a_at	0.004549	523.93	608.27	Mdm2	X58876	NM_010786	
1052	1454726_s_at	0.004549	390.03	541.1	AW456874	AV254040	NM_207232	
1053	1435339_at	0.004553	427.73	599.97	Kctd15	BE091366	NM_146188	
1054	1427606_at	0.004555	138.07	206.03	USP27x	BE307970	NM_019461	
1055	1417237_at	0.004561	241.4	369.97	Pld2	NM_008876	NM_008876	
1056	1434908_at	0.004566	648.73	1019.6	Al480556	BB212186	NM_001008422	
1057	1424644_at	0.004571	743.3	866.3	Tbcc	Al426164	NM_178385	
1058	1448597_at	0.004576	597.4	778.33	Cstf1	NM_024199	NM_024199	
1059	1419490_at	0.004586	1616.87	1907.13	AW049604	BB804965	NM_134096	
1060	1455771_at	0.0046	2986.6	3888.1	Bzrap1	BB467799	NM_172449	

Table 8

1061	1428843_at	0.004615	2713.6	3220.77	5-Mar AK009364	NM_027314
1062	1428852_at	0.004622	2811.77	3266.27	Dock3 AK018140	NM_153413
1063	1439030_at	0.004648	187.33	280.17	Gmpyb B1410722	NM_177910
1064	1447385_at	0.004649	1086.97	1497.5	---	AI843353 ---
1065	1460687_at	0.004657	399.5	603.07	2410195B05Rik	BB787289 NM_030241
1066	1455143_at	0.004658	3371.97	4380.1	Njgn2 AD042744	NM_198862
1067	1454769_at	0.004664	160.17	255.77	Tacdn2	BB314680 NM_001033463
1068	1415919_at	0.004667	3799.27	4601.07	Npdc1 NM_008721	NM_008721
1069	1425326_at	0.004669	710.97	1187.8	Acly B1456232	NM_134037
1070	1424416_at	0.004671	353.97	442.73	Nkiras2	BC024398 NM_028024
1071	1423363_at	0.004672	517.1	711.93	Sort1 AV247637	NM_019972
1072	1439041_at	0.004691	2515	3275.93	S1c39a10	BM239325 NM_172653
1073	1458123_at	0.004706	145.9	310.17	9630002A11Rik	BB124953 ---
1074	1431530_a_at	0.00471	1079.23	1766.03	Tspan5	AK015705 NM_019571
1075	1423748_at	0.004717	415.7	481.6	Pdcl BC027196	NM_172665
1076	1423778_at	0.004719	253.63	360.67	Usp20 AK006800	NM_028846
1077	1417240_at	0.004721	797.37	1196	Zyx NM_011777	NM_011777
1078	1417663_a_at	0.004731	7271.33	8153.37	Ndrx3 BE631549	NM_013865
1079	1452009_at	0.004731	441.1	603.97	9130422G05Rik	AK018685 NM_025782
1080	1448121_at	0.004735	4462.93	6603.47	Wp22 NM_016852	NM_016852
1081	1418889_a_at	0.004736	642.27	906.43	Csnk1d	NM_139059 NM_027874 /// NM_139059
1082	1436159_at	0.00474	6118.77	7048.13	Usp32 BQ175926	XM_110937
1083	1433720_s_at	0.004744	6881.7	9718.13	Mgi:2143558 A1647775	NM_175329
1084	1437984_x_at	0.004754	3187.03	4017.9	Bat1a BB461609	NM_019693
1085	1439398_x_at	0.004754	1096.37	1787.27	Ne1f BB266960	NM_020276
1086	1429150_at	0.004754	214.8	444.03	1110007C02Rik	B1440651 NM_027923
1087	1431784_a_at	0.004761	335.23	393.07	Bxd5 AK008988	NM_027332 /// NM_027371
1088	1438285_at	0.004784	239.43	342.63	2210015D19Rik	BM245369 XM_488586
1089	1423957_at	0.004786	335.7	432.87	Isq2011	B1440638 NM_026531
1090	1418467_at	0.004787	1050.3	1307.63	Smardc3	NM_025891 NM_025891
1091	1423075_at	0.004791	904.47	1210.47	Iman2 AK004952	NM_025828
1092	1424494_s_at	0.004794	474.4	605.6	2810417J12Rik	BC024947 NM_029798
1093	1420817_at	0.004795	8665.2	10554.17	Ywhag NM_018871	NM_018871
1094	1451835_at	0.004802	106.93	208.4	Socx21 AY069926	NM_145464 /// NM_177753
1095	1452584_at	0.004807	4405.1	5377.87	1500032L24Rik	BG915677 NM_026914
1096	1429071_at	0.004815	1106.57	1507.6	Me3 AK006146	NM_181407
1097	1419260_a_at	0.004824	2080.37	2839.33	Snrpb NM_009225	NM_009225
1098	1417890_at	0.004835	6180.97	7121.1	Pdcp NM_020271	NM_020271
1099	1420744_at	0.004843	103.63	201.87	Chrb2 NM_009602	NM_009602
1100	1452686_s_at	0.00485	1143.53	1423.23	D4Ert196e AK017503	NM_025667

Table 8

1101	1417592_at	0.004861	1528.37	1724.07	Frapi1	NM_020009	NM_020009	
1102	1447897_x_at	0.004864	287.07	433.83	Anapc11	AV019615	NM_025389	
1103	1431691_a_at	0.004905	446.8	573.27	Rab31	AK007048	NM_133685	
1104	1425760_a_at	0.004925	1924.2	2339.2	Pitpmn1	AF006467	NM_008851	
1105	1417982_at	0.004932	917.47	1041.43	Insig2	AV257512	NM_133748	/// NM_178082
1106	1450269_a_at	0.004942	1746.2	2542.2	Pfk1	NM_008826	NM_008826	
1107	1430533_a_at	0.004953	1774.37	2650.37	Ctnnb1	BI134907	NM_007614	
1108	1417423_at	0.004959	5950.6	8250.13	Grina	NM_023168	NM_023168	
1109	1433671_at	0.004984	487.43	724.07	Al30022J15Rik	BI149851	NM_175313	
1110	1431339_a_at	0.004989	2452.77	4352.93	Rfh2	AK007560	NM_025994	
1111	1427039_at	0.004997	2265.77	3478.7	Epn1	AF057285	NM_010147	
1112	1430542_a_at	0.005002	5591.8	8151.87	Slc25a5	AA823938	NM_007451	/// XM_485652 /// XM_619211
1113	1448534_at	0.005002	2006.7	2794.9	Ptpns1	AB018194	NM_007547	
1114	1459909_at	0.005014	536.93	851.37	Nfix	BI249259	NM_010906	
1115	1417613_at	0.005017	320.67	612.13	Ier5	BF147705	NM_010500	
1116	1420548_a_at	0.005017	177.87	231.47		2310008H09Rik	NM_023197	NM_023197
1117	1456926_at	0.005021	920.97	1175.97	Rims4	BB049544	NM_183023	
1118	1426108_s_at	0.005036	409.87	614.37	Cacnb1	AY094172	NM_031173	/// NM_145121
1119	1418354_at	0.005044	328.77	441.83	Cogl	BB210424	NM_013581	
1120	1428578_s_at	0.005044	554.97	647.6	Ppfia4	AK003571	XM_129443	
1121	1450971_at	0.005044	225.97	422.57	Gadd45b	AK010420	NM_008655	
1122	1417480_at	0.005055	2560.47	2874.43	Fbxo9	NM_023605	NM_023605	
1123	1422502_at	0.005075	1830.2	2202	Parp1	AF126717	NM_007415	
1124	1428620_at	0.005082	2439.6	3447.23	Bnsa	BF584204	NM_001026212	/// NM_019561
1125	1425550_a_at	0.00509	6159.63	7608.53	Pkrarla	BC005697	NM_021880	
1126	1426744_at	0.005097	610.27	992.67	Srebf2	BM123132	NM_033218	
1127	1452806_at	0.005154	1147.7	1547.57		1500016010Rik	AK005271	XM_133706
1128	1418038_s_at	0.005168	408.93	524.27	Duspl9	NM_024438	NM_024438	/// XM_622417
1129	1460186_at	0.00517	2433.67	2866.33	MGT:1914262	AV061337	NM_133352	/// NM_178146
1130	1422428_at	0.00519	1110.33	1713.33	Acsbg1	NM_053178	NM_053178	
1131	1429136_at	0.005192	268.7	355.6		1700052K11Rik	AK006771	NM_028539
1132	1449932_at	0.005194	1382.5	2039.8	Csnk1d	NM_027874	NM_027874	/// NM_139059
1133	1422017_s_at	0.005197	560.23	909.87		4833439L19Rik	NM_029241	NM_133797
1134	1450903_at	0.005206	2023.27	2769.13	Rad23b	BF138887	NM_009011	
1135	1447228_at	0.005214	368.33	608.63	Pacsin3	BM248411	NM_028733	/// NM_030880
1136	1436482_a_at	0.005218	541.93	697.7	Sdc3	BQ032424	NM_011520	
1137	1456191_x_at	0.005231	201.43	287.77	Pacsin3	BB828106	NM_028733	/// NM_030880
1138	1434385_at	0.005235	3183.33	3696.17	Tom112	BG072270	NM_153080	
1139	1422547_at	0.005266	2601.23	3550.43	Ranbp1	I25255	NM_011239	
1140	1450097_s_at	0.005266	486.47	826.73	Gna12	BF302166	NM_010302	

Table 8

1141	1431923_at	0.005328	441.43	517.47	2810401C16R1k	AK012958	NM_175178
1142	1444488_at	0.005334	588.83	790.23	Cadps BE92890	NM_012061	
1143	1425337_at	0.005338	1809.1	2960.47	Slc12a5 BF468072	NM_020333	
1144	1460433_at	0.00534	476.9	741.53	Entpd6 BM204496	NM_172117	
1145	1458394_at	0.005342	1332.6	2249.5	Slc6a17 BB769612	NM_172271	
1146	1438003_at	0.005356	216.03	343.43	Polr BB324894	NM_198600	
1147	1424172_at	0.005365	2855.3	3273.67	Hagb BC004749	NM_024284	
1148	1426629_at	0.005365	482.83	596.27	Dhx8 BB667274	NM_144831	
1149	1420644_a_at	0.005369	1509.53	1740.97	Sec61a2 NM_021305	NM_021305	
1150	1418768_at	0.005371	847.4	1326.23	Opal BC025160	NM_133752	
1151	1422560_at	0.005382	272.63	361.73	Dd12 NM_023544	NM_001017966	
1152	1431226_a_at	0.005382	1108.57	1507.03	Endc4 AK013203	NM_022424	
1153	1419816_s_at	0.005384	461.1	529.4	Ekrf1l AI788755	NM_133753	
1154	1426957_at	0.005385	1035.7	1363.9	Trp53bp1 AJ414734	NM_013735	
1155	1452724_at	0.0054	715.8	999.77	Pp1r16a AK013817	NM_033371	
1156	1451046_at	0.005401	614.1	842.23	Zfpml AA014267	NM_009569	
1157	1453713_s_at	0.005424	108.4	172.83	4930546H06R1k	AK016052	NM_029205
1158	1447412_at	0.005426	351.03	661.13	Gm996 AI853452	NM_001005424	
1159	1435026_at	0.005434	6528.3	10217.93	Spock2 BM117672	NM_052994	
1160	1420892_at	0.005435	506.43	662.2	Wnt7b W29605	NM_009528	
1161	1418619_at	0.005437	2428	2828.73	Icam5 NM_008319	NM_008319	
1162	1456875_at	0.005446	353.2	438.57	1810013L24R1k	AV232053	XM_148044 /// XM_622721
1163	1425227_a_at	0.005459	1052.23	1800.97	Atp6v0a1 BC001995	NM_016920	
1164	1454619_at	0.005474	440.43	635.4	Al451006 BB500115	NM_178919	
1165	1423493_a_at	0.005485	5097.53	6374.47	Nfix BB315728	NM_010906	
1166	1453529_at	0.005492	92.87	168.87	6330418B08R1k	AV327353	---
1167	1418905_at	0.005501	219.23	304.57	Nubp1 NM_011955	NM_011955	
1168	1427054_s_at	0.005522	350.4	503.3	D930038M13R1k	BC026627	NM_001014399 /// NM_001014422 /// NM_001014423 ///
NM_001014424 /// NM_178790							
1169	1448621_a_at	0.005523	3032.77	3527.73	Smpd1 NM_011421	NM_011421	
1170	1431469_a_at	0.005526	1282.93	1916.73	Cxxc5 AK015150	NM_133687	
1171	145672_s_at	0.005527	6666.23	8661.5	Cplx2 BE946238	NM_009946	
1172	1447863_s_at	0.005528	399.67	618.5	Nr4a2 BB322941	NM_013613	
1173	1435732_x_at	0.005536	25899.87	36456.63	Atp6v0c AV172216	NM_009729	
1174	1433477_at	0.005541	2617.97	3149.23	Abr AV325116	NM_198018 /// NM_198894 /// NM_198895	
1175	1427114_at	0.005542	957.83	1394.37	Ttc19 AK013368	NM_028360	
1176	1432385_a_at	0.005557	225.13	346.43	Agtpbp1 AK015394	NM_023328	
1177	1452601_a_at	0.005559	546.57	849.67	Acbd6 AK002470	NM_028250	
1178	1423994_at	0.005561	8234.23	9444.93	Kif1b B0175246	NM_008441 /// NM_207682	
1179	1460674_at	0.005561	1517.07	1846.37	Pagr7 BC022922	NM_027995	

Table 8

1180	1438194_at	0.005583	21985.27	26952.37	2900019G14Rik	AW488243	---
1181	1447150_at	0.005594	480.67	656.03	Phr1	AW107633	NM_207215
1182	1440452_at	0.005595	1114.53	1280.63	Drp2	AW495265	NM_010078
1183	1416228_at	0.005597	4093.43	4932.4	Pin1	NM_023371	NM_023371
1184	1434032_at	0.005604	1516.37	2232.33	---	BQ175381	---
1185	1445631_at	0.005608	373.43	563.9	LOC545446	BE865226	XM_619793
1186	1424945_at	0.00562	203.1	293.5	Chrd1	AF321853	NM_031258
1187	1448941_at	0.005621	489	820.27	B4galt2	AW125856	NM_017377
1188	1419189_at	0.005627	702.1	997.2	Vt1a	BC019386	NM_016862
1189	1417318_at	0.005632	4276.63	4817	Dhccr1	AB060589	NM_019967
1190	1427109_at	0.005652	1445.1	1848.1	ORF61	BB325206	NM_001003949
1191	1434779_at	0.005652	770.6	1063.3	Cbln2	BQ175551	NM_172633
1192	1460387_a.at	0.005655	375.83	563.27	Ysg2	AF156856	NM_011734
1193	1439908_at	0.005666	81.77	139.1	Zkscan1	BB703579	NM_029869 /// NM_133906
1194	1418463_at	0.00568	1643.2	1968.2	Plk3r2	NM_008841	NM_008841
1195	1420592_a.at	0.005681	869.7	1123.23	Amp3ze	NM_023210	NM_023210
1196	1449556_at	0.005683	203.7	284.03	H2-T23	NM_010398	NM_010398
1197	1446172_at	0.005684	109.63	174.7	BC026657	BB121616	XM_619731 /// XM_622875
1198	1456043_at	0.005686	1101.9	1453.77	Usp22	BE951601	NM_001004143
1199	1418292_at	0.005693	2975.8	3659.37	Asna1	NM_019652	NM_019652
1200	1450315_at	0.005693	42.13	79.6	Vt1rd14	NM_030736	NM_030736
1201	1449536_at	0.005696	213.33	293.53	Kcnn1	NM_032397	NM_032397
1202	1435579_at	0.00571	423.57	703.33	---	BW220110	---
1203	1455401_at	0.00571	3296.8	4454.87	CamkK2	AW061083	NM_145358
1204	1435200_at	0.00573	291.13	359.57	6330419J24Rik	AV327542	NM_183030
1205	1456800_a.at	0.005738	419.43	567.53	D130029U02Rik	BE685813	XM_150103
1206	1416248_at	0.005741	917.4	1201.63	Nack	AW538068	NM_138671
1207	1453083_at	0.005744	69.63	115.93	6430701C03Rik	AK018294	NM_175237
1208	1428223_at	0.005755	509.67	787.03	Mfsd2	AK006096	NM_029662
1209	1427108_at	0.005757	1756.23	2018.87	9530068E07Rik	BW233467	NM_153117
1210	1416155_at	0.005765	821.4	1083.8	Hmgb3	NM_008253	NM_008253
1211	1441223_at	0.005766	270.87	387.43	4-Mar	BB260801	XM_619638
1212	1415974_at	0.005774	571.77	936.67	Map2k2	AW553456	NM_023138
1213	1455246_at	0.005781	448.77	564.13	---	BFL37264	---
1214	1448856_a.at	0.005785	1032.43	1229.7	Mstra	NM_026322	NM_026322
1215	1460426_at	0.005788	212.53	325.27	9430063L05Rik	AI639670	NM_178080
1216	1452071_at	0.005793	886.23	1100.67	Sic4a4	BE655147	NM_018760
1217	1418598_at	0.005804	276.27	377.9	Ubox5	NM_080562	NM_080562
1218	1452753_at	0.005813	1441.53	1858.43	Foxk2	BM206907	XM_126489
1219	1428707_at	0.005817	5055.47	6738.17	2610009E16Rik	AK011360	NM_026988



Table 8

1220	1426792_s_at	0.005818	1382.1	1618.97	Rusc2	BC024790	XM_131380
1221	1428690_at	0.005833	287.7	482.6	Tysnd1	BF466063	XM_125636
1222	1417374_at	0.005837	9283.43	11395.8	Tuba4	AW491660	NM_009447
1223	1448171_at	0.005842	188.2	271.67	Slah2	AA414485	NM_009174
1224	1426912_at	0.005843	2574	2909.27	Rfwd2	BB296692	NM_011931
1225	1439488_at	0.005844	306.37	555.5	Dofc1	AW552804	NM_199322
1226	1416029_at	0.005847	430.97	670.97	Klf10	NM_013692	NM_013692
1227	1415998_at	0.00585	5053.83	7716.1	Vdac1	NM_011694	NM_011694
1228	1417262_at	0.005851	245.3	391.77	Ptgs2	M94967	NM_011198
1229	1425281_a_at	0.005857	989.53	1075.43	Tsc22d3	AF201289	NM_010286
1230	1452132_at	0.005858	617.93	805.8	0610007A15Rik	BE951033	NM_026708
1231	1422577_at	0.005859	1945.53	2595.47	Cs	AB056479	NM_026444
1232	1421126_at	0.005861	154.33	318.97	Ryr2	NM_023868	NM_023868
1233	1451201_s_at	0.005873	718.3	930.7	Rnh1	BC010331	NM_145135
1234	1458365_at	0.005876	186.03	232.67	Scyl1bp1	BB183144	NM_178883
1235	1436855_at	0.005879	127.97	215.73	Ptprs	AV348224	NM_011218
1236	1454893_at	0.005887	651.3	771.57	1110013107Rik	BB765852	NM_001014995
1237	1454658_at	0.005893	418.7	460	Iivb1	BI408416	NM_173751
1238	1416087_at	0.005902	2635.37	3414.07	Ap1s1	NM_007457	NM_007457
1239	1452485_at	0.005904	105.17	246.6	Phosphol	AJ457190	NM_153104
1240	1452164_at	0.005909	2192.73	3002	BC038286	BI647183	NM_170755
1241	1425659_at	0.005918	266.67	450.3	Tom112	BM226574	NM_153080
1242	1445521_at	0.00592	325.63	457.87	Ela1v1	BB755434	NM_010485
1243	1421233_at	0.005921	229.83	371.9	Pknox1	AA409923	NM_016670
1244	1460617_s_at	0.005925	5127.37	7025.2	Rab6b	AV220161	NM_173781
1245	1451399_at	0.00593	1144.67	1421.87	Mgi1	1930773	BC008274
1246	1451825_a_at	0.005933	2265.73	2897.93	Cop21	BC002246	NM_019817
1247	1419008_at	0.005936	209.4	288.9	Mey5r	NM_016708	NM_016708
1248	1435936_at	0.00594	250.77	420.33	Slc13a5	BI134706	NM_001004148
1249	1418498_at	0.005945	1056.73	1500.83	Fgf13	AF020737	NM_010200
1250	1435604_at	0.005946	4193.27	4913.33	Trim37	BM941778	NM_197987
1251	1431064_at	0.005963	338.67	589.37	Dpp8	BF119821	NM_028906
1252	1455741_a_at	0.005977	704.27	948.73	Ecel	AW553715	NM_199307
1253	1426816_at	0.005982	428.83	643.63	2210403N09Rik	BC024804	XM_132372
1254	1417724_at	0.005991	544.2	770	Thoc4	NM_011568	NM_011568
1255	1417568_at	0.006005	6897.2	8678.57	Ncald	BG071381	NM_134094
1256	1426211_at	0.00602	186.2	252.9	BC021367	NM_145597	NM_145597
1257	1423031_at	0.006024	968.2	1370.57	Maea	AV011036	NM_021500
1258	1419673_at	0.006035	707.63	1056.5	Spock1	BB308491	NM_009262
1259	1453404_at	0.00604	189.67	280.67	2900002H16Rik	AK018236	NM_021430

Table 8

1260	1442145_at	0.006078	237.2	442.33	Atp13a3	BG066456	XM_148700	///	XM_622655
1261	1453091_s_at	0.00609	686.53	924.57	Letmd1	BB241583	BB075402	---	NM_134093
1262	1456783_at	0.00611	504.53	752.67	933010705Rik	BB075402	---		
1263	1416845_at	0.006111	4831.83	6492.03	Hspa5bp1	NM_133804	NM_133804		
1264	1457276_at	0.006111	169.93	285.1	Snf1lk2	AI315692	NM_178710		
1265	1426449_at	0.006131	3293.77	4265.7	Pfal	BM199789	NM_008853		
1266	1441777_at	0.006137	433.9	562.73	---	BR741819	---		
1267	1435226_at	0.006145	355.53	547.43	Ibrdc3	BC064140	XM_204030		
1268	1415676_at	0.006151	3802.6	4952.57	Psmb5	NM_011186	NM_011186		
1269	1425539_at	0.006159	6371.7	8465.43	Rtn3	AB046114	NM_001003930	///	NM_001003933
	NM_053076							///	NM_001003934
1270	1427481_a_at	0.006175	10689.17	11909.77	Atp1a3	BC027114	NM_144921		
1271	1449119_at	0.006179	182.23	303.4	Atih2	NM_011790	NM_011790		
1272	1428068_at	0.006183	2045.77	2453.5	Samm50	AK003990	NM_178614		
1273	1418706_at	0.00619	800.6	1084.33	Slc38a3	NM_023805	NM_023805		
1274	1431191_a_at	0.00619	4266.1	5758.5	Syl1	AK018163	NM_009306		
1275	1427685_a_at	0.006192	785.37	1114.2	Sytj2	AF041858	NM_011523		
1276	1433817_at	0.006194	775.8	974.47	Aypat3	AV296997	NM_053014		
1277	1424267_at	0.006197	288.23	480.8	1810043G02Rik	BC010330	NM_026431		
1278	1425551_at	0.006206	349.63	579.33	Hid1r	AA590970	NM_145070		
1279	1424290_at	0.006208	235.93	340.03	D730049H07Rik	BQ173909	NM_175423		
1280	1453712_a_at	0.006217	260.9	341.13	Map2k5	BB828559	NM_011840		
1281	1445498_at	0.006218	195.83	296.5	Ryr2	AW552101	NM_023868		
1282	1416392_a_at	0.006222	18241.53	24836.37	Atpv6vc	NM_009729	NM_009729		
1283	1448605_at	0.00623	130.17	218.37	Rhoc	NM_007484	NM_007484		
1284	1448677_at	0.006234	467.77	637.2	Cox4nb	NM_010926	NM_010926		
1285	1454696_at	0.006242	12571.23	14790.27	Gnb1	BG071068	NM_008142		
1286	1451917_a_at	0.006256	405.5	993.63	Dcamk1l	AF155820	NM_019978		
1287	1454754_a_at	0.00627	2696.67	3540.93	Ramp	BF468097	NM_146110		
1288	1425066_a_at	0.006271	300.43	366.43	1110061004Rik	BC018294	NM_026849		
1289	1424484_at	0.006278	181.33	291.93	Mobk1b	AV226922	NM_145571		
1290	1429764_at	0.006284	404.87	586.33	1500005K14Rik	BF101721	---		
1291	1424913_at	0.006306	345.17	471.77	2310044G17Rik	AK009800	NM_173735		
1292	1440128_s_at	0.006315	456.7	727.67	Sez61	AW539724	XM_132255		
1293	1426885_a_at	0.00632	3021.63	4613.1	Cdk2ap1	AK004852	NM_013812		
1294	1435105_at	0.00632	1818.37	2795.73	1110061N23Rik	BG066986	NM_176834		
1295	1424079_x_at	0.006324	616.1	969.27	2900073H19Rik	BC026994	NM_026615		
1296	1453995_a_at	0.006337	176.13	316.4	Htf9c	AK017819	NM_008307		
1297	1425977_a_at	0.006348	661.17	846.8	Slk	AF112855	NM_009289		
1298	1450725_s_at	0.006351	136.57	231.73	Car14	NM_011797	NM_011797		

Table 8

1299	1436377_at	0.006352	1070	1283.9	AI428855	BI410102	NM_207220	
1300	1416020_a_at	0.00636	4429.97	5808.73	Atp5g1	NM_007506	NM_007506	
1301	1416289_at	0.006365	259.5	286.73	Plod1	NM_011122	NM_011122	
1302	1448003_at	0.006372	261.5	348.1	1810043H04Rik	BI414944	---	
1303	1417388_at	0.006404	7013	8201.33	Bex2	NM_009749	NM_009749	
1304	1460262_a_at	0.006406	1098.83	1684.97	1700037H04Rik	NM_026091	NM_026091	
1305	1423772_x_at	0.006414	6940.7	8625.1	Slc25a5	U27316	NM_007451	
1306	1454753_at	0.00642	463.33	614.97	Rnpep11	BB540667	NM_181405	
1307	1422136_at	0.006439	156.77	315.07	Uhmk1	AW012751	NM_010633	
1308	1447669_s_at	0.006445	415.57	498.97	Gng4	AV347903	NM_010317	
1309	1427288_at	0.006447	1591.27	1861.87	Apba2	BE952331	NM_007461	
1310	1448262_at	0.006449	1830.53	2267.57	Psmb2	NM_011970	NM_011970	
1311	1454037_a_at	0.00645	154.47	272.3	Flt1	AK005502	NM_010228	
1312	1451147_x_at	0.006454	618.3	911.4	Csdc2	BC016109	NM_145473	
1313	1435607_at	0.006454	1215.67	1520.43	Grm2	BQ174642	---	
1314	1437840_s_at	0.006469	475.87	701.43	AI325464	BB222646	NM_178882	
1315	1437291_at	0.006483	657.63	746.07	2700081O15Rik	AV131166	NM_175381	
1316	1444307_at	0.006485	185.73	247.13	---	AW491448	---	
1317	1420877_at	0.006504	1879.2	2122.8	6-Sep	NM_019942	NM_019942	
1318	1448844_at	0.006506	503.8	747.97	1810044O22Rik	NM_025558	NM_025558	
1319	1426409_at	0.006508	502.03	727.07	Lzts2	BG866479	NM_145503	
1320	1456313_x_at	0.006509	1691.57	2239.7	Mrp128	BB257397	NM_024227	
1321	1424651_at	0.006518	190.1	254.87	BC021611	BC021611	NM_144932	
1322	1416900_s_at	0.006519	821.67	1191.6	Gdf1	laas1	NM_138647	
1323	1439765_x_at	0.006526	1144.47	1795.27	2410039E07Rik	AV214551	NM_212483	
1324	1421059_a_at	0.006544	3884.57	4403.73	Alg2	NM_019998	NM_019998	
1325	1439583_x_at	0.006552	657.87	835.33	D130029J02Rik	BE685813	XM_150103	
1326	1430997_at	0.006585	160.23	296.63	Cd47	AI882525	NM_010581	
1327	1425351_at	0.006591	290.7	506.8	Strx1	BC011325	NM_029688	
1328	1416032_at	0.006596	472.93	840.7	111006115Rik	AW494906	NM_134142	
1329	1427110_at	0.006596	263.93	376	1300006N24Rik	BI4145492	NM_027911	
1330	1419495_at	0.006601	257.8	300	Immp21	NM_053122	NM_053122	
1331	1430851_at	0.006601	214.43	360.03	Zfp444	AK012846	NM_028316	
1332	1418279_a_at	0.006612	294	417.1	AKap1	BG067335	NM_009648	
1333	1452484_at	0.006623	265.4	417.5	Car7	AF291660	NM_053070	
1334	1436992_x_at	0.006648	10374.6	14362.07	---	BB160479	---	
1335	1452211_at	0.006662	809.5	975.4	Psmc4	BM195254	NM_134013	
1336	1450147_at	0.006665	1246.3	2199.37	Nptxr	BT733611	NM_030689	
1337	1419439_at	0.006668	145.77	208.27	Stk22s1	NM_011651	NM_011651	

Table 8

1338	1460288_a_at	0.006671	963.4	1380.97	Ppp4c	NM_019674	NM_019674	
1339	1436167_at	0.006685	677.23	806.1	LOC435684	BB798279	NM_001013829	
1340	1429298_at	0.006685	2289.7	2691.83	Ddah1	BE283964	NM_026993	
1341	1452846_at	0.006694	305.4	552.53	Ppfia4	AK003571	NM_129443	
1342	1426399_at	0.006697	334.43	424.97	Vwal1	BB183736	NM_147776	
1343	1431129_at	0.0067	246.8	339.77	Usp31	BB661783	NM_357781	
1344	1455649_at	0.006702	449.4	556.27	Ttc9	BB106428	NM_126933	
1345	1456029_a_at	0.006712	1240.7	1892.13	Ttc7b	AW543761	NM_127105	
1346	1449405_at	0.006719	234.13	310.7	Tns1	NM_027884	NM_619639	
1347	1451122_at	0.006729	999.73	1286.07	Igf1l	BC004801	NM_145360	/// NM_177960
1348	1421491_a_at	0.006746	2054.77	3164.17	Tmem49	NM_029478	NM_029478	
1349	1427286_at	0.006756	1133.43	1320.3	D11Bwg0517e	BB130195	NM_001024931	
1350	1450172_at	0.006757	239.4	313.17	Pknox1	AA409923	NM_016670	
1351	1426094_at	0.006764	1617.37	2064.87	Rhbd11	BC021549	NM_144816	
1352	1434498_at	0.006769	445.37	679.43	Gml673	BE626727	NM_358631	
1353	1452357_at	0.006784	13799.8	18722.37	Gp1bb	Sept5	AK033350	NM_001001999
1354	1427688_a_at	0.006786	591.87	1152.97	Peprs	D28531	NM_011218	/// NM_213614
1355	1441338_at	0.006787	196.27	362.13	5930412G12Rik	BB036132	---	
1356	1444562_at	0.006793	163.77	214.23	Ube3c	BE690666	NM_133907	
1357	1448115_at	0.006798	317.8	426.5	Htf9c	NM_008307	NM_008307	
1358	1415993_at	0.006799	1331.13	1648.2	Sgle	NM_009270	NM_009270	
1359	1450865_s_at	0.006801	1053.23	1236.5	Mtps24	BF167852	NM_026080	
1360	1447392_s_at	0.006806	110.53	212.27	Cpd	BB710395	NM_007754	
1361	1426824_at	0.006808	586.77	811.5	Psmc4	BM195254	NM_134013	
1362	1433554_at	0.00681	1618.43	1831.07	AU022870	BM246500	NM_177682	
1363	1426577_a_at	0.006814	490.3	639.53	Dgkb	BB279524	NM_178681	
1364	1440901_at	0.006814	612.3	849.03	Dgkb	BB279524	NM_178681	
1365	1441065_at	0.006815	3004.2	3360.03	---	BB305753	---	
1366	1423544_at	0.006829	1501.83	2015.4	Ptpn5	BB188812	NM_013643	
1367	1428564_at	0.00683	430.7	679.53	Zfp579	AK003337	NM_026741	
1368	1460030_at	0.006832	237.33	292.27	Hecw1	BB355811	NM_484217	
1369	1455235_x_at	0.006834	7271.57	10737.73	Ldh2	AV216324	NM_008492	
1370	1416551_at	0.006836	14580.6	19108.57	Atp2a2	NM_009722	NM_009722	
1371	1451328_at	0.006852	1259.43	1537.17	Pcnx13	AF237953	NM_144868	
1372	1415731_at	0.006855	631.77	686.43	Angel2	W08638	NM_021421	
1373	1424578_at	0.006857	663.93	1144.87	Artdc1	BC018501	NM_178408	
1374	1450818_a_at	0.006867	6465.53	7247.13	Ndufa7	NM_023202	NM_023202	
1375	1452646_at	0.006879	3063.13	4262.6	Trp53inp2	AK003956	NM_178111	
1376	1460237_at	0.006898	215.3	343.33	Trim8	BB063064	NM_053100	
1377	1425190_a_at	0.006904	735.77	849	1700048E23Rik	BC025612	NM_028521	

Table 8

1378	1437861_s_at	0.006906	3895.87	5010.93	Prkce	BB335101	NM_011104
1379	1451586_at	0.006913	3965.27	5490	Tegt	BC005588	NM_026669
1380	1433015_at	0.006918	298.23	534.63		6330436F06Rik	AK018204 ---
1381	1454823_at	0.00692	415.5	489.5	Wfr37	AV222037	NM_172445
1382	1426902_at	0.006926	203.17	319.87	Cog6	BC024135	NM_172582
1383	1433630_at	0.006935	1101	1304.27	LOC208158	BB762333	NM_198599
1384	1426235_a_at	0.006939	2978.5	3450.57	G1u1	AI391218	NM_008131
1385	1425900_at	0.006955	329.23	501.6	Hkdcl	BC016235	NM_145419
1386	1423964_at	0.006957	565.93	639.43	Cpsf31	BC011155	NM_028020
1387	1457040_at	0.006958	377.33	555.97	Igf12	BE947711	NM_144945
1388	1458436_at	0.006961	70.8	110.2	Auh	BB815755	NM_016709
1389	1434744_at	0.006967	630.83	848.23	Yrdc	BB230053	NM_153566
1390	1416541_at	0.006968	628.43	714.8	Cipb	NM_009191	NM_009191
1391	1441064_at	0.006972	389.13	605	E330039X12Rik	BF467171	NM_172917 /// NM_175561
1392	1445561_at	0.006983	180.73	284.17	---	BM218868	---
1393	1427569_a_at	0.006986	310.5	495.27	Utrn	X83506	NM_011682
1394	1440817_x_at	0.006987	2009.33	2403.13	G330024C07Rik	BB242445	NM_177362
1395	1427117_at	0.007023	483.87	731.67	Mtmr3	BF165517	NM_028860
1396	1440207_at	0.007023	741.87	1026.17	AI505034	BI155142	NM_207206
1397	1432418_a_at	0.007038	1891.57	2083.2	Ckmt1	AK018487	NM_009897
1398	1428190_at	0.007038	750.1	902	S1c25a1	AK005070	NM_153150
1399	1451568_at	0.007055	432.37	567.07	AC30054L15Rik	BC025603	NM_145969
1400	1417322_at	0.007057	1070.1	1632.17	Hlrc1	NM_133964	NM_133964
1401	1429170_a_at	0.007063	168.7	270.4	Mef1	AK012676	NM_008636
1402	1428834_at	0.00707	136.93	254.57	Dusp4	AK012530	NM_176933
1403	1451041_at	0.007075	1297.2	1634.73	Rock2	BB761686	NM_009072
1404	1421383_at	0.007079	89.23	146.33	2310043N13Rik	NM_025534	NM_025534
1405	1448435_at	0.007113	922.17	1240.87	Pcgap	NM_033609	NM_033609
1406	1423743_at	0.007115	809.87	980.33	Arcn1	BC017124	NM_145985
1407	1427404_x_at	0.007119	11741.73	15107.63	LOC433182	BC004017	NM_001025388
1408	1417994_a_at	0.007128	614.53	944.53	Accn1	NM_007384	NM_001034013 /// NM_007384
1409	1450478_a_at	0.00713	414.8	491.67	Pcpn12	X63440	NM_011203
1410	1432462_a_at	0.007132	508.97	742.27	Ctsp8	AK009764	NM_026896
1411	1456580_s_at	0.007133	8535.6	10780.57	Abp5d	AV019894	NM_025313
1412	1441264_x_at	0.007138	400.9	595.33	A930005H10Rik	AV009179	XM_619953
1413	1438138_a_at	0.007157	346.07	605.63	Pex6	BB252740	NM_145488
1414	1447945_at	0.007161	124.4	218.7	Matf	BI46869	NM_001025577
1415	1434723_at	0.007171	526.7	710.93	---	BF472685	---
1416	1417293_at	0.007186	660.13	890.93	Hs6st1	NM_015818	NM_015818
1417	1450918_s_at	0.007188	1373.17	1908.2	Src	BG868120	NM_001025395 /// NM_009271

Table 8

1418	1440248_at	0.007192	295.83	440.63	Casca	BB238478	NM_177054	///	NM_199038
1419	1431169_at	0.007194	75.77	119.13	D230012E17Rik	BG803764	---		
1420	1420795_at	0.007201	363.3	658.97	Fgf9	NM_013518	NM_013518		
1421	1418410_at	0.007207	203.53	322.87	Jrk	NM_008415	NM_008415		
1422	1427004_at	0.007264	2527.17	2962.97	Fbxo2	BB311718	NM_176848		
1423	1452014_a_at	0.007266	103.3	147.03	Igf1	AF440694	NM_010512	///	NM_184052
1424	1418775_at	0.007271	984.43	1526.17	AI837181	NM_134149	NM_134149		
1425	1426024_a_at	0.007274	2707.43	3630.8	Dbn1	AF187147	NM_019813		
1426	1438426_at	0.007277	721.63	903.73	Tmem58	BF468228	NM_175259		
1427	1432411_a_at	0.007289	475.73	608.93	Fbxw2	AK009893	NM_013890		
1428	1418260_at	0.007304	621.53	963.77	Hunk	NM_015755	NM_015755		
1429	1447222_at	0.007324	192.47	354.07	Hspa12a	AI854582	NM_175199		
1430	1416388_at	0.007327	631.67	934.13	Pip5K2c	NM_054097	NM_054097		
1431	1415819_a_at	0.007328	9171.53	12068.4	Ppp2r1a	BC006606	NM_016891		
1432	1420968_at	0.007349	307.67	514.17	Btbd14b	NM_025788	NM_025788		
1433	1422256_at	0.007368	749.67	896.83	Sstr2	NM_009217	NM_009217		
1434	1426606_at	0.007377	1135.07	1370.9	Crtac1	BB426194	NM_145123		
1435	1458539_at	0.007382	403.73	690.67	R3hdm1	BB462088	NM_181750		
1436	1431308_at	0.007393	78.6	163.03	Cdk5r1	BF783162	NM_026153	///	NM_027496
1437	1433451_at	0.007394	4384.37	6232.57	Cdk5r1	BB177836	NM_009871		
1438	1421563_at	0.007399	104.57	254.7	Atg7b	NM_007511	NM_007511		
1439	1451094_at	0.007412	1456.17	1676.8	Ggt13	BC005772	NM_144786		
1440	1424720_at	0.007417	1478.03	1881.8	Mgat4b	BC026638	NM_145926		
1441	1435049_s_at	0.00742	710.37	852.1	AI854703	BB179352	NM_177737		
1442	1421375_a_at	0.007422	393.8	445.83	S100a6	NM_011313	NM_011313		
1443	1426510_at	0.007432	506.9	764.27	Sccpdh	AM537824	NM_178653		
1444	1448153_at	0.007432	9295.23	12342.73	Cox5a	NM_007747	NM_007747		
1445	1429680_at	0.007435	253.27	341.33	1500010G04Rik	BF466228	NM_173366		
1446	1454786_at	0.00744	335.3	448.67	5031439G07Rik	AV327520	NM_128281		
1447	1450370_a_at	0.007444	815.93	957.47	Kcnip4	NM_030265	NM_030265		
1448	1424142_at	0.00745	225.57	342.3	Ikbkap	AF367244	NM_026079		
1449	1434050_at	0.007457	627.3	1115.03	AI315068	BI453502	NM_484535	///	NM_489536
1450	1458441_at	0.007457	844.3	1049.33	S1c6a17	BB451751	NM_172271		
1451	1435328_at	0.007469	1358.7	1574.7	Cyhr1	AM542554	NM_019396	///	NM_180962
1452	1418288_at	0.007475	267.73	366.13	Ipnl1	NM_015763	NM_015763	///	NM_172950
1453	1450871_a_at	0.007487	1388.67	1633.57	Bcat1	XI7502	NM_001024468	///	NM_007532
1454	1436053_at	0.007487	529.9	785.83	Tbcl1d2b	BB272520	NM_198647		
1455	1417557_at	0.007497	1689.57	1983.07	Ubxd1	NM_024432	NM_024432		
1456	1435402_at	0.0075	274.73	480.93	A930008A22Rik	BB066186	NM_172768		
1457	1440143_at	0.007501	323.5	495.57	F630022B06Rik	AI413722	NM_172822		

Table 8

1458	1435847_at	0.007503	2583.4	3441	Cdca2bpa	BM117074	XM_619711
1459	1422589_at	0.007506	9784.3	12712.7	Rab3a	NM_009001	NM_009001
1460	1425576_at	0.007511	2276.83	3013.47	Ahcy11	BC018218	NM_145542
1461	1417543_at	0.007547	192.27	324.37	Rps6ka2	BB737182	NM_011299
1462	1450817_at	0.007547	123.6	209.53	Solh	NM_015830	NM_015830
1463	1421480_a_at	0.007551	187.07	396.83	Aaarb1	NM_130895	NM_001024837 /// NM_001024838 ///
NM_001024839 /// NM_001024840 /// NM_130895							
1464	1432216_s_at	0.007591	65.5	94.23	Mpp7	AK012883	XM_128966
1465	1425461_at	0.007592	617.87	875.23	Fbxw11	AY038079	NM_134015
1466	1443798_at	0.00761	495.53	2422.87	Pik3cd	BB207248	NM_001029837 /// NM_008840
1467	1455168_a_at	0.007618	6309.27	7943	Gnb2l1	BM210111	NM_008143
1468	1455330_at	0.007619	324.17	412.77	4632412124Rik	BM250792	NM_028727
1469	1420980_at	0.007641	8121.57	9715.5	Pak1	BF456404	NM_011035
1470	1416831_at	0.007646	652.9	743.57	Neul	AI649303	NM_010893
1471	1435258_at	0.007647	411.17	573.03	D2Ert217e	AW551717	XM_619738
1472	1418901_at	0.007689	464.33	543.3	Cebp b	NM_009883	NM_009883
1473	1424406_at	0.007693	459.5	613.1	Bcl2l13	BC027307	NM_153516
1474	1428048_at	0.007693	39.93	66.43	BC027582	BC027582	---
1475	1450957_a_at	0.007698	7610.93	9605.53	Sgstm1	BM232298	NM_011018
1476	1433444_at	0.007715	3825.8	5621.97	Hmgcs1	BB705380	NM_145942
1477	1429951_at	0.007735	197.47	245.2	Ssbp2	AK005150	NM_024186 /// NM_024272
1478	1451897_a_at	0.00774	834.1	1109.9	Ndr1	AF227188	NM_008676
1479	1421568_at	0.007745	242.6	399.03	Kcna6	NM_013568	NM_010271
1480	1448249_at	0.007745	791.87	1230.53	Gpd1	BC019391	NM_010271
1481	1438402_at	0.007747	578.77	748.97	9630050M13Rik	BB131315	XM_194000
1482	1426257_a_at	0.00776	2954.97	3604.4	Sars1	BC008612	NM_011319
1483	1421939_a_at	0.007765	123.13	189.5	Strag1	BQ174473	NM_009282
1484	1438196_at	0.007765	969.47	1147.23	Gpd11	BB727537	NM_175380
1485	1433541_a_at	0.007775	1222.7	1542.63	Ubp21	BI408204	NM_028475 /// NM_153489
1486	1438500_at	0.007776	300.27	518.4	B230206N24Rik	BB954519	NM_172487
1487	1417502_at	0.007787	11483.7	17647.47	Tspan7	AF052492	NM_019634
1488	1452352_at	0.007806	51.13	72.43	Ctla2b	BG064656	---
1489	1429988_at	0.007808	66.67	128.2	Zfp235	AK002713	NM_019941
1490	1459847_x_at	0.007813	451.67	588.97	Gfra2	AV354240	NM_008115
1491	1459903_at	0.007836	2315.23	2779.77	Sema7a	AA144045	NM_011352
1492	1416491_at	0.007839	518.63	1028.93	Numbl	NM_010950	NM_010950
1493	1455012_s_at	0.007864	4600.97	5497.43	Trim37	BM119247	NM_197987
1494	1454779_s_at	0.007866	231.57	321.3	C230052112Rik	BG072034	NM_178643
1495	1423210_a_at	0.007882	6012.67	7188.53	Nola3	AK004120	NM_025403

Table 8

1496	1416986_a_at	0.007883	1191.57	1660.7	Pcpns1	AB018194	NM_007547
1497	1422031_a_at	0.007884	952.33	1064.73	Za20d3	NM_022985	NM_022985
1498	1440905_at	0.007899	251.07	356.5	Hs2st1	AI451467	NM_011828
1499	1432027_a_at	0.007901	334.7	526.4	Tbci1d14	AK013092	NM_133910
1500	1450108_at	0.007904	3396.37	4395.5	Kif1a	NM_008440	NM_008440
1501	1419444_at	0.007925	1234.13	2005.83	Sap18	NM_009119	NM_009119
1502	1426621_a_at	0.007941	3196.67	3600.67	Ppp2r2b	BB560759	NM_027531
1503	1426993_at	0.007943	561.1	723.07	Xpr1	AV337591	NM_011273
1504	1428836_at	0.007975	432.53	593.67	2300009A05R1k	AK009046	NM_204313
1505	1432054_at	0.007985	48.73	80.3	Golgal	AK008972	NM_029793
1506	1423661_s_at	0.008009	223.27	335.87	Ctdsp2	BB294133	NM_146012
1507	1418810_at	0.008011	573.33	778.17	Ctrhl	NM_007762	NM_007762
1508	1451908_a_at	0.008021	841.8	1264.63	Sec1411	BC005766	NM_028777
1509	1435068_at	0.008021	1555.43	2252.03	Pip5k2b	BQ174042	NM_054051
1510	1439888_at	0.008022	46.9	105.77	---	BB271581	---
1511	1433107_at	0.008026	72.63	146.6	---	AK018014	---
1512	1453215_at	0.008046	38.2	87	Rnase10	AK015573	NM_029145
1513	1450898_at	0.008056	776.9	1025.03	Hiat1	BM208582	NM_008246
1514	1451461_a_at	0.008058	14516.5	18682.93	Alldoc	BC008184	NM_009657
1515	1455442_at	0.008063	48.63	88.6	---	BM119683	---
1516	1448669_at	0.008065	2034.7	2307.27	Dk3	AK004853	NM_015814
1517	1458469_at	0.008076	130.1	171.8	Cblb	BB205662	NM_156257
1518	1430117_a_at	0.008087	177.5	221.13	Zfp64	AK010444	NM_009564
1519	1418646_at	0.008099	1183.9	1849.7	Gna-rs1	BF577955	NM_008136
1520	1455545_at	0.00811	1727.23	2054.73	1110065P20R1k	BI415815	---
1521	1428954_at	0.008124	271.77	415	Slc9a3r2	AK004710	NM_023055
1522	1437197_at	0.00814	2668.37	3234.93	Scrb2	BB251748	NM_486103
1523	1434708_at	0.008143	1020.33	1225.73	Vhlh	BG073142	NM_009507
1524	1429884_at	0.008147	674.1	809.43	Strap2	AK005172	NM_129445
1525	1453059_at	0.008149	1593.1	1876.67	2310046A06R1k	AK009836	NM_146970
1526	1418588_at	0.008158	14681.03	17065.1	Vmp	NM_009513	NM_009513
1527	1451480_at	0.008159	255.8	418.33	E2f4	BC026649	NM_148952
1528	1452082_at	0.00816	625.87	817.97	6430548M08R1k	BB319392	NM_172286
1529	1451098_at	0.008161	1024.73	1329.27	Pcoln3	BC010524	NM_145606
1530	1416191_at	0.008168	538	846.3	Sec1a1	BC003707	NM_016906
1531	1428484_at	0.008172	1145.5	1453.63	Osdp13	AK004768	NM_027881
1532	1452376_at	0.008176	180.47	387.33	Zfp444	BE951951	NM_028316
1533	1452969_at	0.008179	3074.7	3782.93	Atp2b1	BI080417	NM_026482
1534	1415691_at	0.008182	6372.03	7899.87	Dlgh1	BQ176806	NM_007862



Table 8

1535	1424757_at	0.008222	2227.57	2510.53	BC018242	BC018242	NM_144935
1536	1450968_at	0.008224	5033.07	6033.93	Uqcrfsl	AK003966	NM_025710
1537	1421924_at	0.008232	533.87	839.5	SIC2a3	M75135	NM_011401
1538	1417611_at	0.00824	78.6	221.13	Time37	BC024613	NM_019432
1539	1424308_at	0.008251	1800.47	2483.37	SIC24a3	BC017615	NM_053195
1540	1443162_at	0.008253	57.53	107.37	---	BB043897	---
1541	1459947_at	0.008253	93.6	175.8	Txnrc5	BB007036	NM_145367
1542	1442524_at	0.008254	106.93	214.9	---	AI836848	---
1543	1426430_at	0.008266	258.47	418.77	Jag2	AV264681	NM_010588
1544	1450056_at	0.008272	700.33	1025.77	Apc	NM_007462	NM_007462
1545	1418396_at	0.008308	80.43	131.9	Gpsm3	NM_134116	NM_009208
1546	1418485_at	0.008319	2041.07	2428.3	SIC4a3	NM_009208	NM_009208
1547	1452909_at	0.008323	302.83	427.8	2410127E18R1k	BB487410	NM_029742
1548	1452316_at	0.008327	252.13	330.57	Phf22	AK003874	NM_027927
1549	1452137_at	0.008331	244.7	331.83	Acdb3	BB704602	NM_133225
1550	1424668_a_at	0.008334	383.77	685.07	Cutl1	BC014289	NM_009986
1551	1451708_at	0.008338	52.4	94.27	Gpr33	AF045766	NM_008159
1552	1415836_at	0.008348	300.1	428.03	Alb18a1	NM_019698	NM_019698
1553	1419221_a_at	0.008349	1481.6	1704.73	Rgs14	NM_016758	NM_016758
1554	1440152_x_at	0.008355	944.4	1490.23	Edf1	AV003223	NM_021519
1555	1449401_at	0.008359	776.4	952.6	C1qg	NM_007574	NM_007574
1556	1435844_at	0.008361	497.43	725	A330009N23R1k	BB164247	XM_358477
1557	1456304_at	0.008373	186.9	365.57	Gm96	BF463551	NM_001005424
1558	1422801_at	0.008389	1322.5	1528.07	MGI:1351465	BC021156	NM_013716
1559	1451309_at	0.008405	839.07	1075.67	Arhgap1	BC006592	NM_146124
1560	1433665_at	0.008408	2022.93	2857.57	Vps41	AW536822	NM_172120
1561	1431360_s_at	0.008411	225.5	339.53	4921520P21R1k	AI430409	NM_027591
1562	1418533_s_at	0.008429	291.97	467.23	Fzd2	BB371406	NM_020510
1563	AFFX-MURINE_B2	at 0.008431	29218.53	41537.6	Ankfy1	AFFX-MURINE_B2	NM_001004436
NM_001008498	/// NM_001009573	/// NM_001031814	/// NM_007506	/// NM_007687	/// NM_007744	/// NM_007982	/// NM_008122
NM_008363	/// NM_008441	/// NM_008893	/// NM_009118	/// NM_009180	/// NM_009442	/// NM_009461	/// NM_009634
NM_009780	/// NM_009805	/// NM_009905	/// NM_009909	/// NM_009984	/// NM_010233	/// NM_010380	/// NM_010398
NM_011079	/// NM_011195	/// NM_011317	/// NM_011397	/// NM_011431	/// NM_011495	/// NM_011585	/// NM_011818
NM_013534	/// NM_013881	/// NM_013885	/// NM_016694	/// NM_016762	/// NM_016858	/// NM_016918	/// NM_016963
NM_018851	/// NM_019519	/// NM_019758	/// NM_019921	/// NM_020584	/// NM_021282	/// NM_023440	/// NM_024448
NM_025338	/// NM_025441	/// NM_025904	/// NM_026020	/// NM_026031	/// NM_026101	/// NM_026201	/// NM_026440
NM_026541	/// NM_026701	/// NM_026917	/// NM_027421	/// NM_028527	/// NM_028717	/// NM_028726	/// NM_028838
NM_030116	/// NM_031375	/// NM_033078	/// NM_033218	/// NM_033325	/// NM_033564	/// NM_133648	/// NM_133649
NM_133850	/// NM_133851	/// NM_134115	/// NM_138680	/// NM_144807	/// NM_144886	/// NM_145150	/// NM_145221
NM_145427	/// NM_145495	/// NM_145497	/// NM_145819	/// NM_145916	/// NM_145985	/// NM_146115	/// NM_146146
							/// NM_172453

Table 8

NM_172566	///	NM_172591	///	NM_172860	///	NM_172861	///	NM_173169	///	NM_175344	///	NM_175523	///	NM_175563	///	NM_176913	///
NM_176975	///	NM_176979	///	NM_177214	///	NM_178620	///	NM_178630	///	NM_178787	///	NM_178795	///	NM_178801	///	NM_178875	///
NM_178914	///	NM_181665	///	NM_194341	///	NM_207653	///	NM_207682	///	NM_125867	///	NM_126982	///	NM_129658	///	NM_129773	///
NM_132150	///	NM_132325	///	NM_134088	///	NM_135683	///	NM_141327	///	NM_143175	///	NM_144080	///	NM_148273	///	NM_193573	///
NM_194592	///	NM_194622	///	NM_282988	///	NM_484522	///	NM_485803	///	NM_488981	///	NM_620306	///	NM_621875	///	NM_622089	///
NM_622380	///	NM_622410	///	NM_622590	///	NM_622622											
1564	1415950_a_at	0.008432	8803.6	13532.63	Pdp	NM_018858	NM_018858										
1565	1436874_x_at	0.008435	7600.8	10327.47	Slc25a5	BM210336	NM_007451										
1566	1448868_at	0.008445	1968.37	2488	Scand1	NM_020255	NM_020255										
1567	1426372_a_at	0.008453	645	897.67	Bet11	BE686988	NM_018742										
1568	1424562_a_at	0.00846	14062.33	17721.5	Slc25a4	BC026925	NM_134169										
1569	1448691_at	0.008462	2252.53	2597.5	Ubp1n4	BB764994	NM_033526										
1570	1416642_a_at	0.008474	23186.07	35077	Tpct1p	BF608828	NR_002218										
1571	1423716_s_at	0.008507	3915.27	5366.33	Atp5d	BC008273	NM_025313										
1572	1452913_at	0.008515	527.93	719.37	Pcp411	AV337888	NM_484933										
1573	1426766_at	0.008517	3125.4	3467.97	6330403K07Rik	AK018106	NM_134022										
1574	1418402_at	0.008531	316.33	468.33	Adam19	NM_009616	NM_009616										
1575	1452201_at	0.008535	194.93	381.93	2310047B19Rik	BC019749	NM_150151										
1576	1416972_at	0.008548	4446.17	5618.73	Nhp211	NM_011482	NM_011482										
1577	1450007_at	0.008548	1304.97	1861.63	1500003003Rik	NM_019769	NM_019769										
1578	1424421_at	0.008549	555.93	683.87	Flad1	BC006806	NM_177041										
1579	1415699_a_at	0.008554	2873.1	3765.5	Gps1	BC003350	NM_145370										
1580	1428180_at	0.008554	677.43	785.2	2810422J05Rik	AK013135	---										
1581	1451067_at	0.008563	2135.4	3415.83	Sgt4	BC003836	NM_024499										
1582	1452958_at	0.008584	2127.37	2698.8	2900006N09Rik	AK013495	NM_028386										
1583	1422186_s_at	0.008589	1128.77	1383.73	Cyb5r3	NM_029787	NM_029787										
1584	1418522_at	0.008596	882.43	1074.3	Mcx1	NM_013604	NM_013604										
1585	1453324_at	0.0086	532.93	675.07	6330509M23Rik	BF459399	---										
1586	1446048_at	0.0086	450.73	752.6	Cdh11	BG072720	NM_009866										
1587	1448571_a_at	0.008624	391.6	543.33	Gmfb	BG228815	NM_022023										
1588	1450039_at	0.008652	698.13	987.47	Usp9x	AW107303	NM_009481										
1589	1424115_at	0.008657	1993.93	2510.63	Ppp5c	BC003744	NM_011155										
1590	1442824_at	0.008663	32.17	58.7	8030497I03Rik	BB071501	---										
1591	1435986_x_at	0.008673	1043.37	1152.33	Sdhc	AW107712	NM_025321										
1592	1422321_a_at	0.008678	252.2	562.3	Zfp162	NM_011750	NM_011750										
1593	1433324_at	0.008686	72.83	112.27	9330154F10Rik	AK020373	---										
1594	1415814_at	0.008699	10682.8	13571.8	Atp6v1b2	NM_007509	NM_007509										
1595	1440570_at	0.008717	77.63	124.8	A930031L14Rik	BB309408	NM_485569										
1596	1450640_x_at	0.008719	9235.73	12218.7	Atp5k	NM_007507	NM_007507										
1597	1417263_at	0.008743	139.13	291.6	Ptgs2	M94967	NM_011198										

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Table 8

1638	1448553_at	0.009098	297.03	410.07	Myh7	NM_080728	NM_080728		
1639	1422977_at	0.009104	506.9	779.57	Gp1bb	NM_010327	NM_00100199	/// NM_010327	
1640	1424141_at	0.009105	2016.97	2436.5	Hectd1	BC010205	XM_354671		
1641	1427023_at	0.009116	3068.8	4125.4	Phyhlpl	AI267048	NM_178621		
1642	1429306_at	0.009119	102.1	170.33	Lzic	AK007657	NM_026963		
1643	1456785_at	0.009119	671.6	814.53	Crsp2	BQ175889	NM_012005		
1644	1422677_at	0.009123	678.5	952.07	Dgat2	AK002443	NM_026384		
1645	1460169_a_at	0.009132	3209.27	4562.5	Pctk1	NM_011049	NM_011049		
1646	1455571_x_at	0.009151	22619.8	28306.9	Calml	AV015462	NM_009790		
1647	1425629_a_at	0.009152	735.87	1075.9	Nol6	AF361078	NM_139236	/// NM_139237	
1648	1448112_at	0.009179	11127.27	16311.7	Cox7c	NM_007749	NM_007749		
1649	1428132_at	0.009193	312.57	427.7	Cdc42se1	AK008084	NM_172395		
1650	1430615_at	0.009199	139	254.9	LOC545577	AK014905	XM_619971		
1651	1436299_at	0.009203	924.17	1139.9	Glis	BE373308	XM_129846		
1652	1420828_s_at	0.009227	9029.23	9664.7	Ywhaq	NM_011739	NM_011739		
1653	1452105_a_at	0.00923	792.6	1033.9	Tsc2	BB759096	NM_011647		
1654	1448351_at	0.009234	619.17	928.03	Coro1b	NM_011778	NM_011778		
1655	1421528_a_at	0.009247	438.83	513.3	Surf5	NM_011513	NM_001033908	/// NM_011513	
1656	1455943_at	0.009249	622.73	760.37	Zfp451	BB421061	NM_133817		
1657	1417308_at	0.009251	10572.13	14681.57	Pkm2	NM_011099	NM_011099		
1658	1416535_at	0.009256	1538.43	1658.17	Mcrs1	LOC433780	BC003746	NM_016766	/// XM_485475
1659	AFFX-BiOB-5_at	0.009262	534.53	766.67	biOB	AFFX-BiOB-5	---		
1660	1447219_at	0.009274	126.03	173.17	---	BQ031470	---		
1661	1451143_at	0.009286	394.47	638.47	111006G06Rik	BC023421	NM_028661		
1662	1428120_at	0.009307	357.37	520.87	Fbxw9	AK003747	NM_026791		
1663	1455328_at	0.009313	701.5	939.87	Acen2	BQ176072	NM_009597		
1664	1428101_at	0.009343	1086.27	1218.63	Rnf38	AK011864	NM_175201		
1665	1426458_at	0.009353	200.67	316.27	Slmap	BB473571	NM_032008		
1666	1416819_at	0.009354	3154.8	4113.5	Cdc37	AK013255	NM_016742		
1667	1441899_x_at	0.009371	4869.4	5652.6	Bcan	BB335613	NM_007529		
1668	1435460_at	0.009394	318.33	393	Prkg2	BB363188	NM_008926		
1669	1417653_at	0.009407	2507.47	3357.03	Pvalb	NM_013645	NM_013645		
1670	1417295_at	0.009413	752.63	966.03	Mtal	NM_054081	NM_054081		
1671	1450005_x_at	0.009441	366.17	605.17	Egfl9	NM_134120	NM_134120	/// NM_207666	
1672	1451476_at	0.009441	592.53	1002.67	Zdhhc8	BC004683	NM_172151		
1673	1455354_at	0.009452	481.53	551.03	Wdr22	BG061773	NM_177267		
1674	1450122_at	0.009455	352.63	468.07	Ptprg	NM_008981	NM_008981		
1675	1428017_at	0.009458	398.3	549.6	Pknox2	AF487460	NM_001029838	/// NM_148950	
1676	1436665_a_at	0.009458	502.33	699.13	Ltbp4	BB554226	NM_175641		
1677	1452101_at	0.009458	1000.47	1213.9	Bimh	BB215260	NM_178645		

Table 8

1678	1437023_at	0.009462	393.13	429.73	Zfp12	BQ176333	NM_177681	
1679	1457840_at	0.009469	163.63	251.93	Plkna4	BG073521	NM_175750	
1680	1428667_at	0.00948	669.87	760.07	Maoa	AW986246	NM_173740	
1681	1431997_at	0.009486	2481.7	2766.67	3000002C10Rik	AK013857	XM_486264	
1682	1420934_a_at	0.009488	390.37	471.47	Sirtm1	NM_016799	NM_016799	
1683	1431030_a_at	0.009509	1464.57	1752.03	Rnf14	AK010162	NM_020012	
1684	1454056_at	0.009517	206.5	281	9030407P20Rik	AK018490	---	
1685	1453932_at	0.009526	121.17	204.3	4931433A01Rik	AK016502	XM_485427	
1686	1428718_at	0.009537	1440.77	1682	Scrn1	AW490544	NM_027268	
1687	1458421_at	0.009539	218.7	259.13	Kcng3	AW494964	NM_152923	
1688	1415834_at	0.009543	1529.27	2288.23	Dusp6	NM_026268	NM_026268	
1689	1425212_a_at	0.009543	343.63	568.2	Tnfrsf19	AF167554	NM_013869	
1690	1434261_at	0.009552	747.73	992.27	Sipa1l2	AV228782	XM_146572	
1691	1424441_at	0.009557	1586.33	1951.07	Slc27a4	BC023114	NM_011989	
1692	1427922_at	0.009561	182.83	250.17	2310061C15Rik	AW045976	NM_026844	
1693	1454206_a_at	0.009562	181.67	393.73	Adam15	AK020649	NM_009614	
1694	1457968_at	0.009562	43.97	108.93	Them23	BI499880	NM_144792	
1695	1455873_a_at	0.009577	453.13	700.9	Vps18	BB313038	NM_172269	
1696	1455369_at	0.009586	2683.03	3670.4	Apba1	BQ174146	NM_177034	
1697	1424138_at	0.009622	285.1	372.33	Rhbdfl	BC027346	NM_010117	
1698	1426710_at	0.009655	15393.43	23171.07	Calm3	BB396904	NM_007590	
1699	1422461_at	0.009659	319.13	407.67	Atcad3a	NM_133233	NM_179203	
1700	1442752_at	0.009669	244.07	401.57	---	BE650754	---	
1701	1423973_a_at	0.009699	9129	11881.73	Arf3	BC024935	NM_007478	
1702	1428247_at	0.009704	1336.13	1425.37	2310075A12Rik	BI081895	NM_178027	
1703	1423140_at	0.009708	140.1	165.67	Lip1	AI596237	NM_021460	
1704	1437882_s_at	0.009708	116.93	148.97	3110048I19Rik	AV376276	NM_176962	
1705	1450436_s_at	0.009708	1642.7	2118	Dnajb5	AI664344	NM_019874	
1706	1436286_at	0.009713	84.53	196.47	B830017H08Rik	BB333971	NM_001002790	
1707	1439705_at	0.009729	114.57	210.8	Pcpn12	BM239037	NM_011203	
1708	1457177_at	0.009733	153.9	267.3	---	BB050663	---	
1709	1435965_at	0.009765	930.2	1330.67	Cnot3	AI481951	NM_146176	
1710	1450413_at	0.00977	181.37	287.73	Pdgfrb	BC023427	NM_011057	
1711	1431946_a_at	0.009779	835.67	1057.57	Apba2bp	AK013520	NM_021546	
1712	1452663_at	0.009783	920.73	1170	1110030H18Rik	AK003981	NM_026805	
1713	1451312_at	0.00979	4026.97	4588.47	Ndufs7	BC013503	NM_029272	
1714	1460554_s_at	0.009793	1654.87	2075.23	Glg1	BB795216	NM_009149	
1715	1427646_a_at	0.009798	575.43	831.63	Arhgef2	X95761	NM_008487	
1716	1442163_at	0.009799	161.77	232.03	Hacel	BG070640	NM_172473	

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Table 8

1717	1458075_at	0.00981	216.87	301.53	Dst	BB350401	NM_010081	///	NM_133833	///	NM_134448
1718	1436026_at	0.009814	957.63	1092.7	MGI:2662729	B1558298	---				
1719	1416749_at	0.00982	3936.23	4630.83	HtrA1	NM_019564	NM_019564				
1720	1449646_s_at	0.009823	561.4	795.87	Tigd5	AI666797	NM_178646				
1721	1451768_a_at	0.009829	309.3	610.5	Slc20a2	AF196476	NM_011394				
1722	1429591_at	0.009862	301.17	385.5	Tacc1	BE862546	NM_177089	///	NM_199323		
1723	1417949_at	0.009867	670.17	932.8	Ilf2	NM_026374	NM_026374				
1724	1426727_s_at	0.00987	553.07	719.2	Pp1r10	BC004771	NM_175934	///	XM_622225		
1725	1416934_at	0.009884	163.43	192.57	Mtm1	NM_019926	NM_019926				
1726	1448209_a_at	0.009906	6196.4	9305.27	Slc22a17	NM_021551	NM_021551				
1727	1427966_at	0.009908	370.17	446.73	BC087945	AM551849	NM_001013792				
1728	1419198_at	0.009913	182.2	207.03	Chx8	AI428839	NM_013926				
1729	1416004_at	0.009935	16385.67	21679.5	Ywhah	NM_011738	NM_011738	///	XM_619940		
1730	1441063_at	0.009937	130.27	178.23	E1fc3	BB229155	NM_153402				
1731	1416241_at	0.009939	813.77	1057.43	Sec13l1	NM_024206	NM_024206				
1732	1426128_a_at	0.009948	291.5	399.83	Kcnq2	AB00502	NM_001003824	///	NM_001003825	///	NM_001006668
NM_001006669	///	NM_001006674	///	NM_001006675	///	NM_001006676	///	NM_001006677	///	NM_001006678	///
NM_001006680	///	NM_010611									
1733	1438206_a_at	0.009952	1300.93	1519.23	2610042014Rik	AI266964	NM_025575				
1734	1425975_a_at	0.009955	2891.5	3726.13	Mapk8ip3	AF178636	NM_013931				
1735	1441554_at	0.009957	53.53	125.77	4833446K15Rik	BB463760	---				
1736	1415932_x_at	0.009958	3447.63	4464.03	Atp9a	NM_015731	NM_015731				
1737	1417882_at	0.009971	357.93	652.93	Slc39a3	AV369681	NM_134135				
1738	1425660_at	0.009973	1112.4	1379.6	Btdb3	BC018174	NM_001025431	///	NM_145534		
1739	1428121_at	0.009973	2075.07	2716.33	2610528K11Rik	AK012178	NM_175184				
1740	1432748_at	0.009975	27.13	70.87	4933403J19Rik	AK016636	---				

Table 9

%Monocular deprivation (4 days) versus control  
 %Upregulated in short term MD  
 %Significance criterion = 0.01

%i	affyid	p	data	control	gene
1	1416094_at	0.000002	1700.9	1409.57	Adam9 NM_007404 NM_007404
2	1452318_a_at	0.000003	535.07	184.37	Hsp90b NM12573 NM_010478
3	1440343_at	0.000003	728.03	424.83	Rps6ka5 B0174267 NM_153587
4	1455145_at	0.000004	1431.07	933.53	--- BM115577 ---
5	1417492_at	0.000006	1130.9	972.63	Ctsb M14222 NM_007798
6	1434539_at	0.000008	2008.07	1453.83	Lrrn3 A1852420 NM_010733
7	1434977_at	0.000008	239.43	169.3	4933403F05Rik BM120298 NM_153794
8	1434141_at	0.000009	4239.87	2652.6	Gucyl1a3 B6072799 NM_021896
9	1426951_at	0.000013	1013.9	594.83	Crim1 AK018666 NM_015800
10	1447277_s_at	0.000013	6195.17	4925.5	Pcyox1 B0785407 NM_025823
11	1415971_at	0.000014	8000.43	6418.67	Marcks AW546141 NM_008538
12	1418574_a_at	0.000014	2104.03	1748.5	Shfm1 NM_009169 NM_009169
13	1419442_at	0.000015	798.6	340.67	Matn2 BC005429 NM_016762
14	1436824_x_at	0.000018	2216.27	1704.37	LOC545856 BB238427 XM_620331
15	1455620_at	0.000021	1566.33	1416.63	--- B0177219 ---
16	1438423_at	0.000022	1501.53	869.9	Ssbp2 BB085949 NM_024186 /// NM_024272
17	1438835_a_at	0.000026	4461.47	3023.6	Eftud2 BB315355 NM_011431
18	1417077_at	0.000027	1825.37	1401.63	Beap29 NM_007530 NM_007530
19	1437993_x_at	0.000028	8643.53	6660.27	Qdpr BB221333 NM_024236
20	1452869_at	0.00003	591.13	432.07	Prpf38b AK003895 NM_025845
21	1423831_at	0.000032	756.97	610.37	Prkag2 BB756794 NM_145401
22	1424604_s_at	0.000041	384.3	240.27	Sumf1 BC026981 NM_145937
23	1434581_at	0.000041	1886.07	1359.7	--- BB167663 ---
24	1452114_s_at	0.000042	3341.03	2097.53	Igfbp5 BF225802 NM_010518
25	1459717_at	0.000045	418.97	235.7	--- AW045505 ---
26	1455627_at	0.000047	297.1	117.73	Col8a1 AV292255 NM_007739
27	1451434_s_at	0.000049	833.93	586.77	5430405G24Rik BC019948 XM_152907
28	1454711_at	0.000052	1631.23	1164.57	Trio BB080177 XM_619309
29	1452908_at	0.000052	1998.4	1534.5	MGI:2385920 BB794700 XM_147419 /// XM_623014
30	1450344_a_at	0.000055	173.73	79.63	Ptger3 NM_011196 NM_011196
31	1447655_x_at	0.000057	558.73	368.9	Sox6 BB257593 NM_001025559 /// NM_001025560 /// NM_011445
32	1415855_at	0.000058	2660.43	1450.07	Kif11 BB15530 NM_013598
33	1434416_a_at	0.00006	1066.47	759.87	--- BB022975 ---
34	1423759_a_at	0.000062	2157.37	1688.23	Tmco1 BC020098 NM_026881
35	1452709_at	0.000064	1765.13	1527.47	Poldip3 AK003596 NM_178627

Table 9

36	1449181_at	0.000066	1775.87	1286.5	Fechi	NM_007998	NM_007998	
37	1440148_at	0.000066	397.97	147.17	Gpr6	AI852874	NM_199058	
38	1436459_at	0.000068	433.5	170.9	---	BG073622	---	
39	1438971_x_at	0.00007	2464.23	1637.5	Ube2h	BB447627	NM_009459	
40	1428493_at	0.000071	523.07	343.33	261051M17Rik	AK012129	---	
41	1436185_at	0.000078	516.57	408.17	AI314180	BG076313	NM_172381	
42	1435554_at	0.000081	1126.57	706.7	Tmcc3	BB771888	NM_172051	
43	1440187_at	0.000081	396.3	216.1	Taf3	AV316700	NM_027748	
44	1456480_at	0.000081	2450.97	1862.3	9330186A19Rik	BB527078	XM_488539	/// XM_489913
45	1423069_at	0.000082	5334.17	4690.5	Adnp	AK004270	XM_619846	
46	1433901_at	0.000089	2554.87	1912.17	Gpiap1	AV301998	NM_016739	
47	1434283_at	0.000089	1136.23	692.7	Atid5b	BB079486	NM_023598	
48	1424413_at	0.000092	2783.4	2032.83	Ogfr11	BE650508	XM_129809	
49	1433667_at	0.000094	2207	1496.73	Lg13	BB187947	NM_145219	
50	1435095_at	0.000094	1894.67	1478.23	C030009012Rik	BE980202	---	
51	1455503_at	0.000095	317.47	183	Zfp85-tr1	6820416H06Rik	AW107826	NM_001001130
52	1416390_at	0.000097	259.67	148.67	Rcbtb2	NM_134083	NM_134083	/// NM_198322
53	1438232_at	0.000098	626.83	459.53	Foxp2	AV322952	NM_053242	/// NM_212435
54	1420318_at	0.000101	116.83	80.43	---	AA139561	---	
55	1452222_at	0.000101	2102.83	1538.13	Utrn	AI788797	NM_011682	
56	1436182_at	0.000104	2532.1	1681.6	Satb1	BG092481	NM_009122	
57	1427153_at	0.000105	1222.7	1041.93	Bckdhb	AM047304	NM_031394	
58	1421594_a_at	0.000108	2393.6	1975.83	Syt12	NM_031394	NM_031394	
59	1427126_at	0.00011	323.67	130.83	Hspalb	M12573	NM_010478	
60	1436534_at	0.000112	1756.73	1271.67	Trove2	BQ176653	NM_013835	
61	1415764_at	0.000114	2610.97	1906.13	Zc3h11a	AK003350	NM_144530	
62	1440545_at	0.000114	854.83	419.63	---	BQ176278	---	
63	1454782_at	0.000115	3232.9	2520.9	Bai3	BE979636	NM_175642	
64	1429002_at	0.000116	1961	1306.37	Skip	C79000	NM_025507	
65	1434890_at	0.000116	5877.2	4596.53	Opal	BG072813	NM_133752	
66	1437163_x_at	0.000118	623.77	417.5	Gtf2h4	BB168668	NM_010364	
67	1426459_s_at	0.000125	2500.47	1937.5	AW549877	BG073457	NM_145930	
68	1418469_at	0.000126	1587.13	852.53	Nrip1	NM_008735	NM_173440	
69	1428193_at	0.000126	1870.7	1553.4	Usp9x	AW554408	NM_009481	
70	1434736_at	0.000126	5118.97	2656.77	Hlf	BB744589	NM_172563	
71	1421175_at	0.000128	5271.03	3615.9	Myt11	NM_008666	NM_008666	
72	1437635_at	0.000134	1242.87	938.53	Dcbld2	AW146002	NM_028523	
73	1434877_at	0.000139	6527.33	4332.7	Nptx1	AI152800	NM_008730	
74	1455720_at	0.000139	391.13	169.63	Adamts2	BB477652	NM_175643	
75	1439606_at	0.000144	1990.73	1752.4	Katnal1	AV329023	NM_153572	
76	1436234_at	0.000146	494.03	283.6	4732471D19Rik	BB750674	NM_176987	
77	1424707_at	0.000147	3914.47	3240.63	Tmed10	BI409239	NM_026775	



Table 9

78	1442867_at	0.000151	850.07	581.07	2410080H04Rik	BQ174216	NM_172522
79	1448955_s_at	0.000152	7754.33	6083.3	Cacps	NM_012061	NM_012061
80	1438633_x_at	0.000154	3269.77	2185.23	Laspl	BB377636	NM_010688
81	1423597_at	0.000157	3038.33	2169.13	Atp8a1	BB303874	NM_009727
82	1418160_at	0.000164	70.07	31.37	Mkn3	NM_011746	
83	1426994_at	0.000171	2522.63	2086.1	Phlpp	BC024670	XM_129968
84	1436842_at	0.000175	2686.43	1936.7	B230380D07Rik		AV229336
85	1435511_at	0.000177	2272.27	1824.47	Syn2	BM898679	NM_013681
86	1449023_a_at	0.000182	967.53	644.8	Bzh1	NM_007970	NM_007970
87	1435698_at	0.000185	1073.93	832.77	4921505C17Rik	BQ176694	NM_030168
88	1454609_x_at	0.000187	1164.13	646.97	6430527G18Rik	BB770958	NM_145836
89	1457275_at	0.000187	807.53	485.37	Dmn	AI594683	NM_183312
90	1456028_x_at	0.000188	6485.9	2927.6	Marcks	BB454540	NM_008538
91	1460363_at	0.00019	878.7	715.63	Thrc6c	BB795102	XM_126551
92	1451075_s_at	0.000191	2871.27	1963.17	Ctdsp2	BB294133	NM_146012
93	1429085_at	0.000193	1011.37	825.37	Vezf1	AV308858	NM_016686
94	1457424_at	0.000193	487.23	372.8	Eyal	BB760085	NM_010164
95	1434075_at	0.000201	4721.73	3612.97	BC030336	AV374294	XM_133786
96	1434205_at	0.000204	2411.33	1608.77	Fpp2r5c	BM247370	NM_012023
97	1435818_at	0.000206	522.83	352.63	---	BB357312	---
98	1439263_at	0.000208	249.37	104.4	Fin15	BB388301	NM_008016
99	1428505_at	0.000215	1018.43	834	2310015N07Rik	AK009370	NM_025515
100	1428715_at	0.000216	1718.73	1294.97	2810423A18Rik	AK013141	---
101	1434640_at	0.000219	1717.63	964.7	Gml23	BF463917	NM_001009948
102	1437559_at	0.000221	6170.03	4948.03	D13Bwg146e	BB130891	NM_029879
103	1424186_at	0.000224	1035.07	822.87	2610001E17Rik	BG074158	NM_026439
104	1428113_at	0.000224	1514.53	1073.43	4930403J22Rik	BB278364	NM_028651
105	1456107_x_at	0.000224	3728.1	3016.9	Eftud2	BB448795	NM_011431
106	1416814_at	0.000226	1524	1109.07	Tial	BG518542	NM_011585
107	1429178_at	0.000233	3202.47	2356.3	Ode3	BB472509	NM_011857
108	1421074_at	0.000236	931.17	566.47	Cyp7b1	NM_007825	NM_007825
109	1424333_at	0.000238	321.6	224.9	Rg9mttd1	BC023147	NM_029092
110	1434982_at	0.000238	336.03	228.6	---	AV327376	---
111	1435822_at	0.000238	884.63	538.93	D830012I24Rik	BB318743	---
112	1454941_at	0.000244	2177.6	1374.7	Nmt1	BM207074	NM_008707
113	1427680_a_at	0.000252	1709.93	1377.5	Nfib	Y07687	NM_008687
114	1427526_at	0.000253	288.3	131.53	Fgf10p2	AB041650	NM_026218
115	1428369_s_at	0.000258	2972.17	1850.77	Arhgap21	BM213829	XM_130033
116	1443931_at	0.000262	120.9	61.3	Zfp617	AW548399	NM_133358
117	1456685_at	0.000262	734.7	483.97	Nsg2	BB227199	NM_008741
118	1454846_at	0.000265	714.2	471.63	Utp15	AV227804	NM_178918
119	1430526_a_at	0.000266	2895.4	2123.67	Smarca2	AK011935	NM_011416

Table 9

120	1433856_at	0.000266	440.53	282.57	AW555814	AW555814	NM_173760
121	1418087_at	0.000267	1728.57	1379.8	Ufd1l	BC006630	NM_011672
122	1455214_at	0.000268	278.37	206.33	Mitf	BB763517	NM_008601
123	1416156_at	0.000269	1109.2	890.9	Vcl1	NM_009502	NM_009502
124	1421323_a_at	0.000271	6988.53	5475.33	E430034104Rik	NM_011816	NM_011816
125	1427075_s_at	0.000272	1719.93	1033.37	Pcmtd2	BM117243	NM_153594
126	1448875_at	0.000272	2080.43	1308.7	Zhx1	NM_009572	NM_009572
127	1422798_at	0.000277	1155.6	1011.5	Cntnap2	AU079588	NM_001004357
128	1419246_s_at	0.00028	8917.27	7450.97	Rab14	AV339290	NM_026697
129	1433596_at	0.000283	8039.33	7034.7	Dnajc6	BQ175337	NM_198412
130	1448493_at	0.000284	4141.43	3161.47	Paip2	NM_026420	NM_026420
131	1438658_a_at	0.000284	527.5	328.63	Edg3	AV238324	NM_010101
132	1426628_at	0.000286	4861.97	3300.73	Tmem34	BB431503	NM_145599
133	1434369_a_at	0.000288	1620.47	1124.67	Cryab	AV016515	NM_009964
134	1434620_s_at	0.000289	1917.87	1296	2610024E20Rik	AV113735	NM_146084
135	1440084_at	0.000289	637.5	431.33	AV380966	---	---
136	1450724_at	0.000295	535.77	361.87	Wgt1	2149839	NM_053090
137	1448248_at	0.000297	4405.47	3884.3	Crk	BF020879	NM_133656
138	1428629_at	0.000297	270.4	146.87	Zfp518	AK018187	NM_140758
139	1421075_s_at	0.000302	615.7	388.6	Cyp7b1	NM_007825	NM_007825
140	1418942_at	0.000307	835.7	647.27	Ccdc2	NM_026319	NM_026319
141	1418018_at	0.000311	1112.33	846.17	Cpd	NM_007754	NM_007754
142	1427984_at	0.000311	314.53	162.77	Seip6	BG066990	NM_146003
143	1423259_at	0.000314	2357.4	1660.63	Id4	BB121406	NM_031166
144	1439189_at	0.000314	554.93	402.27	D630023B12Rik	BB498793	NM_355440
145	1436350_at	0.000316	1974.7	1387.37	D430039N05Rik	BM117463	NM_175514
146	1437380_x_at	0.000318	748.03	611.1	Pgd	BB558114	NM_622094
147	1460577_at	0.000318	1270.07	839.8	BQ031479	NM_021310	---
148	1423383_a_at	0.000322	1254.07	962	Osbp19	BB826372	NM_133885
149	1423201_at	0.000326	3515.83	2150.13	Ncor1	U22016	NM_011308
150	1428231_at	0.000329	2778.33	2016.87	Cpsf6	BB425379	NM_001013391
151	1435190_at	0.00033	5579.67	3864.87	Ch11	BB378591	NM_007697
152	1452258_at	0.000334	495.73	364.17	Phf20	BB308157	NM_133187
153	1434521_at	0.000336	1078.07	800.23	Rfxdc2	BB148972	---
154	1453061_at	0.000336	896.47	694.47	2610018007Rik	AK011449	---
155	1418815_at	0.000337	5256.33	3337.2	Cdh2	BC022107	NM_007664
156	1426961_at	0.000337	2198.2	1378.43	Phf20	BB308157	NM_133187
157	1452241_at	0.000337	456.07	328.9	Topbp1	BC007170	NM_176979
158	1435767_at	0.000343	2333.73	1801.27	Scn3b	BB951842	NM_153522
159	1417051_at	0.000344	3162.13	1572.5	Pcdh8	NM_021543	NM_021543
160	1437765_at	0.000348	1307.2	925.97	---	BB249892	---
161	1440215_at	0.000351	619.23	482.23	C130086A10	BG068916	NM_173746

4 of 49

Table 9

162	1427266_at	0.000353	978.17	649.87	2610016F04R1k	BG065752	XM_619217
163	1448584_at	0.000356	738.1	516.23	RSrc1 NM_025822	NM_025822	
164	1417865_at	0.000359	1451.17	1041.73	Tnfaipl AK004593	NM_009395	
165	1436452_x_at	0.000363	6429.87	5819.67	Tmed2 AW824211	NM_019770	
166	1451189_at	0.000363	934.8	679.37	Zswim1 BC025184	NM_028028	
167	1451190_a_at	0.000363	1337.97	819.17	Sbkl BC025837	NM_145587	
168	1426682_at	0.000369	2506.2	1845.5	Cnot6 BM940481	NM_212484	
169	1439153_at	0.000369	1448.83	1076.73	Ibrdc2 AV274826	NM_146042	
170	1448788_at	0.000371	2802.8	2343.23	Cd200 AF004023	NM_010818	
171	1415745_a_at	0.000373	986.47	743.53	Dscr3 NM_007834	NM_007834	
172	1424020_at	0.000376	393.77	187.3	Ar161p6 BB837198	NM_022989	
173	1434179_at	0.000378	1062.8	775.43	ML13 AV297525	XM_355579	
174	1435694_at	0.000378	1789.07	1117.27	Arhgap26 B127065	NM_175164	
175	1454704_at	0.000379	5478.57	4909.63	Scarb2 B1106458	NM_007644	
176	1442180_at	0.000379	445.9	284.73	Dleu7 BB382040	NM_173419	
177	1424586_at	0.000381	1627.33	1277.97	Ehbp1 AF424697	NM_153078	
178	1455537_at	0.000382	1503.67	956.4	6430547121R1k B1734045	---	
179	1441224_at	0.000386	1144.17	804.43	---	BB394637	---
180	1427384_at	0.00039	733.13	574.23	Chd6 BB529459	NM_173368	
181	1457423_at	0.000391	2943.77	1984.73	A930012M17 A1849508	XM_484423	
182	1459838_s_at	0.000393	1062.9	798.47	Btbd11 BB230894	XM_001017525	/// NM_028709
183	1426301_at	0.000395	2686.5	1821	Alcam U95030	NM_009655	
184	1434558_at	0.000395	3605.2	2922.43	Wdr47 BG075633	NM_181400	
185	1420870_at	0.000402	768.53	493.97	Milt10 BB353133	NM_010804	
186	1421840_at	0.000403	2014.43	1076.23	Abca1 BB144704	NM_013454	
187	1426815_s_at	0.000411	1090.7	902.03	AU024582	BM248309	NM_153125
188	1417847_at	0.000416	2902.67	2271.97	Ulk2 NM_013881	NM_013881	
189	1455377_at	0.000417	4785.7	4257.23	4921517B04R1k BB795572	XM_357332	
190	1423747_a_at	0.000418	700.73	472.27	Pdk1 BC027196	NM_172665	
191	1457409_at	0.000418	4681.1	3009.6	Fut9 BB484070	NM_010243	
192	1415770_at	0.000419	3728.8	1822.8	Wdr6 NM_031392	NM_031392	
193	1457072_at	0.000422	1273.1	738.83	Bcl11a BF731393	NM_016707	
194	1455799_at	0.000424	3599.17	2256.67	Rorb BB751387	NM_146095	
195	1449490_at	0.000425	496.4	334.43	Mbd4 AF072249	NM_010774	
196	1434864_at	0.000429	1723.77	1287.1	Ntupal BB326329	NM_153578	
197	1419402_at	0.000431	84	64.4	Mms1 NM_008613	NM_008613	
198	1433508_at	0.000435	1277.5	775.73	Copeb AV025472	NM_011803	
199	1454901_at	0.000435	1253.23	1042.23	6430570G24 BG069663	---	
200	1416919_a_at	0.000439	219.13	149.03	Nphpl NM_016902	NM_016902	
201	1436153_a_at	0.000441	5113.33	3524	Zmynd11 BB561053	NM_144516	
202	1424891_a_at	0.000442	512.8	394.2	Zw10 BC012435	NM_012039	
203	1428915_at	0.000445	374.67	271.7	Sirts AK002609	NM_178848	

Table 9

204	1429166_s_at	0.000445	660	316.8	Climn	AW494443	NM_053155	
205	1450712_at	0.000446	2970.67	1851.37	Kcnj9	NM_008429	NM_008429	
206	1448765_at	0.000447	1670.2	1299.37	Fyn	NM_008054	NM_008054	
207	1429461_at	0.000447	809.03	566.9	2810417D08Rik	AK013101	NM_027421	
208	1437807_x_at	0.000449	1986.43	1256.7	Cttnal	BB066232	NM_009918	
209	1416440_at	0.000453	2849.4	1764.4	Cd164	NM_016898	NM_016898	
210	1452664_a_at	0.000453	1028.37	724.93	Tm7sf3	AK010720	NM_026281	
211	1421064_at	0.000454	558.1	392.73	Mpps	AW258373	NM_019579	
212	1434645_at	0.000459	1161.03	737.97	C530008M17Rik	BB493717	XM_287460	
213	1439014_at	0.000466	1174.27	747.93	A430031N04	BB703667	NM_177718	
214	1426852_x_at	0.000468	5467.13	3603.03	Nov	X96585	NM_010930	
215	1439024_at	0.000469	1650.13	1336.57	---	BB082119	---	
216	1419256_at	0.00047	4586.37	3403.37	Spnb2	BM213516	NM_009260	/// NM_175836
217	1452733_at	0.000471	661.03	509.43	Pank2	BG068794	NM_153501	
218	1434881_s_at	0.000478	1331.3	836.17	Kctd12	BM220945	NM_177715	
219	1420827_a_at	0.00048	4131.7	2807.6	Ccng1	BG065754	NM_009831	
220	1455826_a_at	0.000482	2063.53	1266.37	Baccl	BB114336	NM_011792	
221	1437783_x_at	0.000483	2656.87	1918.87	Tmem4	BM570679	NM_019953	
222	1416041_at	0.000488	4271.8	2560.33	Sgk	NM_011361	NM_011361	
223	1435805_at	0.000494	4012.2	3240.27	Linh7a	AV287586	XM_193582	
224	1449861_at	0.000501	437.87	341.83	Nek4	BF181187	NM_011849	
225	1439872_at	0.000501	2675	2146.03	---	BQ175171	---	
226	1436948_a_at	0.000502	416.63	188.27	---	BQ175171	---	
227	1451222_at	0.000506	2167.5	1707.53	Bcl3l4	AK011367	NM_027453	
228	1455389_s_at	0.000507	1777.1	1386.53	---	2210051F07Rik	---	
229	1417010_at	0.000509	12201.13	10356.67	Zfp238	NM_013915	NM_001012330	/// NM_013915
230	1434633_at	0.000513	1271.87	1012.93	Ctbbp	BG076163	NM_001025432	
231	1423958_a_at	0.000515	1928.1	1473.7	---	2900001004Rik	BC017533	NM_026213
232	1420494_x_at	0.000517	8316.8	5717.7	Ubc	BC006680	NM_019639	
233	1449089_at	0.000518	1822.13	1290.57	Nr1p1	NM_008735	NM_173440	
234	1417182_at	0.000522	1033.77	868.7	DnaJ2	C77509	NM_019794	
235	1435050_at	0.000522	3514.83	2652.23	D10BWg1379e	BB353607	XM_125524	
236	1428531_at	0.000523	1112.8	675.17	5930412E23Rik	BB457797	NM_178632	
237	1440759_at	0.000527	3334.27	2616.4	---	BB321369	---	
238	1431167_at	0.000529	1363.43	913.07	Dgk	AI646503	NM_138650	
239	1415973_at	0.000534	5044.07	3626.77	Marcks	AW546141	NM_008538	
240	1437466_at	0.00054	2625.03	2098.13	Alcam	AV315205	NM_009655	
241	1436027_at	0.000543	545.97	431.17	Osbp111	BM220135	NM_176840	
242	1449718_s_at	0.000547	128.77	86.93	4930453N24Rik	AI649104	XM_148353	
243	1450769_s_at	0.000547	176.6	115.8	Star35	BI076697	NM_023377	
244	1436424_at	0.000547	502.37	348.4	1600020E01Rik	BG070208	XM_489143	
245	1439808_at	0.000549	5895.77	4588.03	AI30090K04Rik	BQ176089	---	

Table 9

246	1422032_a_at	0.000553	4114.2	3464.77	Za20d3	NM_022985	NM_022985
247	1435964_a_at	0.000554	1490.63	992.4	---	BI194075	---
248	1415794_a_at	0.000562	5052.57	4100.1	Spin	BM228780	NM_011462 /// NM_146043
249	1455033_at	0.000565	1477.07	1007.63	B430201A12R1k	BB325849	XM_283903
250	1456700_x_at	0.000567	6074.53	4132.47	Marcks	BI100920	NM_008538
251	1416429_a_at	0.000568	901.03	615.73	Cat	NM_009804	NM_009804
252	1455169_at	0.000568	2603.5	1798.87	---	BG076094	---
253	1416329_at	0.000571	1711.87	1244.27	Cyfipl	NM_011370	NM_011370
254	1436883_at	0.000582	1229.57	889.3	Mbtps2	BB264953	NM_172307 /// NM_178266
255	1452898_at	0.000587	721.97	570.17	Vps36	AK013045	NM_027338
256	1418039_at	0.000588	603.13	471.57	Rab13	NM_026297	NM_026297
257	1437236_a_at	0.000588	263.53	160.2	Zfp110	AV263718	NM_022981
258	1433864_at	0.000588	1618.23	1212	Lrp12	AV254798	NM_172814
259	1420630_at	0.000589	4046.4	3378.07	8430419I09R1k	NM_028982	NM_028982
260	1434641_x_at	0.00059	6782.6	5201.03	Sez612	AW121511	NM_144926
261	1448224_at	0.00059	1120.23	860.47	Tfam	NM_009360	NM_009360
262	1449527_at	0.000591	416.07	254.43	Pcdhb7	NM_053132	NM_053132
263	1433702_at	0.000593	1633.5	1118.17	D19Wsu12e	BI663634	XM_358328
264	1454805_at	0.000595	1601.4	1310.67	Wtap	AV141160	NM_175394
265	1459659_at	0.000595	158.03	73.73	Zfp131	BB833349	NM_028245
266	1443847_x_at	0.000596	615.6	454.6	---	BB342212	---
267	1455460_at	0.000598	1458.07	902.73	---	BM932705	---
268	1416007_at	0.000603	5201.27	4010.73	Satb1	AV172776	NM_009122
269	1455388_at	0.000605	2498.3	1748.17	A030012M09R1k	BB549335	NM_183028
270	1455696_a_at	0.000605	875.87	609	Prpf4b	BB344827	NM_013830
271	1438353_at	0.00061	242.73	150.5	---	AW543049	---
272	1417129_a_at	0.000621	1285.13	900.67	Mrg1	UG8384	NM_010825
273	1452996_a_at	0.000624	252.6	186.27	Aven	BG070815	NM_028844
274	1455297_at	0.000626	509.43	326.77	Spin2	BG070258	NM_001005370
275	1437992_x_at	0.000634	8659.43	7112.9	Gja1	BB039269	NM_010288
276	1449094_at	0.000641	417.37	265.2	Gja7	NM_008122	NM_008122
277	1455346_at	0.000642	550.27	329.7	Maspl	BB477214	NM_008555
278	1453006_at	0.000642	320.07	185.27	2610306H15R1k	AI506568	NM_028263
279	1456349_x_at	0.000643	2947.2	1954.73	Sumo1	AV021595	NM_009460
280	1438969_x_at	0.000644	2250.2	1722.57	Dhx30	BB105391	NM_133347
281	1418318_at	0.000649	656.93	536.2	Rnf128	AK004847	NM_023270
282	1451989_a_at	0.000652	15014.47	9632.9	Mapre2	BC027056	NM_153058
283	1439950_at	0.000652	164.5	99.73	Dnchc1	BB309136	NM_030238
284	1450123_at	0.000655	2307.17	1647.27	Ryr2	NM_023868	NM_023868
285	1444517_at	0.000655	707	424.6	Gm872	AI551889	XM_354560
286	1423374_at	0.000656	1537.53	1246.63	NCOa6	BF224891	NM_019825
287	1426799_at	0.000662	2219.83	1395.2	Rab8b	BM214169	NM_173413

[illegible]

Table 9

330	1436859_at	0.000792	1146.83	693.2	2700007P2R1k	AV342631	NM_001025102	///	NM_173750
331	1436522_at	0.000795	244.07	179.73	0610025L06R1k	BE948629	NM_172397		
332	1428517_at	0.000796	3393.63	2470.77	Wdfy3 AK012075	NM_172882			
333	1425274_at	0.000797	488.57	384.53	Asph AF289490	NM_023066	///	NM_133723	
334	1456108_x_at	0.000797	2230.87	1191.47	Zfp179	BB546771	NM_009548		
335	1434132_at	0.0008	1751.13	1408.9	E430025E21R1k	BE648090	NM_153548		
336	1460292_a_at	0.000801	765.27	588.8	Smarcal	NM_053123	NM_053123		
337	1416008_at	0.000803	3173	2455.6	Satb1 AV172776	NM_009122			
338	1422880_at	0.000818	1767.33	1360.13	Syp1 BE333485	NM_013635	///	NM_198710	
339	1450021_at	0.000819	9386	7179.07	Ubp1n2	AV171029	NM_018798		
340	1435030_at	0.000823	1646.6	1125.83	Upf2 AA538567	NM_140801			
341	1441054_at	0.000829	244.5	151.67	Apol2 BB312717	NM_139463			
342	1426992_at	0.000834	3046.93	2516.2	Xpr1 AV337591	NM_011273			
343	1452353_at	0.000834	1146.37	839.03	Gpr155	BB762731	NM_130346		
344	1451221_at	0.000838	939.47	711.6	BC018507	NM_358313			
345	1417355_at	0.000839	5200.53	3503.2	Peg3 AB003040	NM_001010988	///	NM_008817	
346	1450732_a_at	0.000839	1787.97	1188.33	Bicd2 NM_029791	NM_029791			
347	1438572_at	0.000839	406.2	295.8	Camd3 AV327842	NM_139502			
348	1451074_at	0.000849	3046.33	2353.1	Rnf13 AF037205	NM_011883			
349	1455362_at	0.000851	388.57	248.97	Angel2	AV275390	NM_021421		
350	1428167_a_at	0.000856	461.03	190.77	Mp211 AK003513	NM_001001880			
351	1417825_at	0.00086	2898	2480.73	Es4 NM_016903	NM_016903			
352	1457733_at	0.00086	1162.77	678.77	---	AU067808	---		
353	1423462_at	0.000863	2042.33	1401.17	Map3k71p2	BM213179	NM_138667		
354	1419047_at	0.000866	859.97	727.03	Pcmx BG073499	NM_018814			
355	1452265_at	0.000868	3206.3	2321.17	Claspl	AJ288061	---		
356	1435801_at	0.000872	1285.1	1025.37	Fcmd AV365405	NM_139309			
357	1425682_a_at	0.000876	1505.17	1007.03	1810034M08R1k	BC027162	NM_176842		
358	1430295_at	0.000876	357.47	289.47	Gnal3 BG094302	NM_010303			
359	1423645_a_at	0.00088	9666	7929.1	Ddx5 BC009142	NM_007840			
360	1454752_at	0.000886	849.57	566.4	Atf606861	AV307961	---		
361	1418693_at	0.00089	2303.23	1847.5	Hnrpc LOC329893	NM_016884	NM_016884	///	NM_620084
362	1455294_at	0.000892	464.53	345.17	1110029L17R1k	BB765875	---		
363	APFX-PyruCarbMur/L09192_3	at 0.000894	856.87	677.9	Pcx	AFFX-PyruCarbMur/L09192_3	NM_008797		
364	1456174_x_at	0.000895	1049.53	750.87	Ndrg1 AV309418	NM_010884			
365	1434335_at	0.000898	2532.27	2202.97	Atf17237	BB795504	NM_172819		
366	1457480_at	0.000901	184.6	162.07	Rnf3	BG075606	NM_172716		
367	1439870_at	0.000909	347.33	168.87	A330008L17R1k	BB129921	NM_175479		
368	1425241_a_at	0.000912	1211.23	768.37	Wsb1 BC019601	NM_019653			
369	1428334_at	0.000913	2220.9	1844	Ostml AK004546	NM_172416			
370	1415948_at	0.000914	806	576	Creg1 BC027426	NM_011804			
371	1456614_at	0.000916	703.9	472.13	Acn9 BF122715	NM_355744			

Table 9

372	1423740_a_at	0.000918	1708.23	1183.53	Rbm10	BE553944	NM_145627
373	1417377_at	0.00092	3867.1	3034.73	Igsf4a	NM_018770	NM_001025600 /// NM_018770 ///
NM_207675 /// NM_207676							
374	1415708_at	0.000921	2323.57	1843.07	Al316828	D50523	NR_002321 /// NR_002322
375	1433544_at	0.000921	1858.23	1404.33	Als2cr2	BB277912	NM_172656 /// NM_173155
376	1422052_at	0.000923	1311.67	896.5	Cdh8	NM_007667	NM_007667
377	1436051_at	0.000923	5275.03	4415.23	9630007J19Rik	BQ174518	---
378	1417674_s_at	0.000926	1479.3	1211.03	Golga4	NM_018748	NM_018748
379	1436920_at	0.000936	689.87	338.3	Pcdh17	BQ176938	NM_001013753
380	1417384_at	0.000938	362.63	264.6	Entpd5	NM_007647	NM_001026214 /// NM_007647
381	1455342_at	0.000938	2264	1779.8	A230083H22Rik	BM232966	---
382	1418664_at	0.000939	812.6	582.4	Mpdz	AK019164	NM_010820
383	1417765_a_at	0.00094	376.03	226.97	Amy1	NM_007446	NM_007446
384	1458351_s_at	0.000949	1617.83	1164.87	Klh12	BB428573	NM_178633
385	1451804_a_at	0.000958	647.63	498.43	Lrrc16	BC012229	NM_026825
386	1440803_x_at	0.00096	278.63	157.87	Tacr3	BB498416	NM_021382
387	1455150_at	0.000961	704.2	429.9	---	HB038506	---
388	1424680_at	0.000966	173.8	105.6	BC025893	NM_178908	---
389	1425914_a_at	0.000967	2241.33	1771.8	Armcx1	BC021410	NM_030066
390	1452740_at	0.000969	5611.6	4838.67	Myh10	BQ176159	NM_175260
391	1444690_at	0.00097	1576.57	1140.6	Epha5	BE951744	NM_007937
392	1455014_at	0.000971	2728.23	2038.23	AV009015	EW213104	---
393	1438988_x_at	0.000974	1169.93	790.2	Hn1	AV067695	NM_008258
394	1449583_at	0.000976	618.33	454.43	Pcdhb20	NM_053145	NM_053145
395	1429146_at	0.000977	1613.63	1026.33	6620401M08Rik	BF011349	NM_489178
396	1437521_s_at	0.000989	2272.53	1447.27	E230022H04Rik	BB312224	NM_153515
397	1434187_at	0.000997	1033.9	755.73	AT849156	AW121238	NM_183142
398	1435016_at	0.000998	2766.07	2433.23	Als2cr3	BB795263	NM_172406
399	1445679_at	0.000998	3181.17	2433.87	---	BF458407	---
400	1423200_at	0.000999	2497.03	2006.97	NCOR1	U22016	NM_011308
401	1454617_at	0.000999	946.9	540.7	Arrdc3	BG072824	NM_178917
402	1416967_at	0.001003	1904.93	1214.57	Sox2	U31967	NM_011443
403	1455340_at	0.001006	2773.97	2303.3	3010003I21Rik	BB763709	NM_175404
404	1428080_at	0.001007	1961.1	1698.63	2610528A17Rik	BC021317	NM_028273
405	1441259_s_at	0.001007	1097.57	647.63	Wdr10	C86139	NM_031177
406	1458114_at	0.001007	458.17	346.93	Samd12	AV347618	---
407	1438505_s_at	0.001009	2756.67	1898.1	Rnaseh	BB462178	NM_026799
408	1443855_at	0.001011	1562.63	1168.97	Kcnc1	BB130746	NM_008421
409	1455161_at	0.001016	1935.03	1390.83	AT504432	BB202185	NM_173787
410	1455757_at	0.001018	1946.13	1508.17	LOC241944	AU067741	NM_143175
411	1423328_at	0.001029	4434	3456.9	Gdapl	AU017649	NM_010267



Table 9

412	1429210_at	0.001034	145.83	94.57	Col23a1	BE290548	NM_153393	---
413	1438462_x_at	0.001035	445.37	341.23	---	BB752997	---	---
414	1426698_a_at	0.001036	984.23	673.63	Hnrym	AK011521	NM_029804	---
415	1452089_at	0.001039	2206.2	1721.6	Cacnb4	AW106929	NM_146123	---
416	1424872_at	0.001042	787.77	597.87	2310001H12R1k	BC012405	XM_620240	---
417	1437455_a_at	0.001042	1919.67	1018.53	Btgi	AW322026	NM_007569	---
418	1418883_a_at	0.001045	5532.17	5128.2	Pabpc1	NM_008774	NM_008774	---
419	1419872_at	0.001049	4216.33	3278.23	Csflr	AI323359	NM_007779	---
420	1450771_at	0.001053	932.83	486.57	Fut9	NM_010243	NM_010243	---
421	1420872_at	0.001056	8381.1	7082.1	Gucylb3	BF472806	NM_017469	---
422	1439732_at	0.001059	865.87	579.8	---	---	---	---
423	1449351_s_at	0.001065	264.9	171.2	Pdgrfc	NM_019971	NM_019971	---
424	1418430_at	0.001072	4266.4	2946.67	Kif5b	BI328541	NM_008448	---
425	1451317_at	0.001078	1705.13	1360.27	Ythdf2	BB455932	NM_145393	---
426	1456509_at	0.001081	1002.83	563.2	1110032F04R1k	BB382807	XM_485253	---
427	1451736_a_at	0.001086	2605	1965.77	Map2k7	AW541674	NM_011944	---
428	1454834_at	0.001086	1795.87	1476.3	Nfib	BI687652	NM_008687	---
429	1422725_at	0.001093	180.37	96.63	Ngk	BC069426	NM_008547	---
430	1460509_at	0.001094	741.87	422.97	B3gal1	AK018190	NM_020283	---
431	1423591_at	0.001097	4115.43	2954.93	Pgf1r1p2	AK004662	NM_026218	---
432	1435138_at	0.001112	2652.57	2191.4	Tmem28	AV016797	NM_173446	---
433	1428287_at	0.001121	816.6	622	Cu15	BB702110	NM_027807	---
434	1428236_at	0.001127	3099.3	2108.87	Acbb5	AK005001	NM_028793	---
435	1456633_at	0.001131	662.57	487.87	Tfpm3	BB13276	NM_177341	---
436	1455437_at	0.001135	2415	1683.37	BC033915	AV369969	NM_027498	---
437	1449628_s_at	0.001139	3777.83	3316.67	Stard7	AI852671	NM_139308	---
438	1419165_at	0.00114	2369.27	1469.93	Zfp260	D45210	NM_011981	---
439	1417221_at	0.001141	327.73	235.9	Ppmla	BC008595	NM_008910	---
440	1456056_a_at	0.001143	3377.07	2678	D6Wsu116e	AV338866	NM_026585	---
441	1429201_at	0.001146	1473.6	991.27	Cy1d	AK013508	NM_173369	---
442	1453162_at	0.001148	265	165.63	Utp11	AK008801	NM_026031	---
443	1435048_at	0.001153	459.4	343.43	At854703	BB179352	NM_177737	---
444	1454806_at	0.001154	3341.83	2494.83	D12Ert553e	AV228737	NM_029758	---
445	1454952_s_at	0.001158	583.37	475.1	BI30055D15R1k	BG069311	NM_178113	---
446	1423899_at	0.001161	995.33	777.03	Trip12	BG923744	NM_133975	---
447	1438838_at	0.001161	613.6	296.53	B230206F22R1k	BG141977	---	---
448	1450738_at	0.001166	2793.9	2250.13	Kif21a	NM_016705	NM_016705	---
449	1450664_at	0.001169	627.57	454.73	Gabpa	NM_008065	NM_008065	---
450	1434724_at	0.001169	1295.83	981.67	Usp31	BE986792	XM_357781	---
451	1448299_at	0.001172	2841.8	2340.77	Slc1a1	NM_009199	NM_009199	---
452	1418822_a_at	0.001182	2377.07	1965.8	Arf6	BI248938	NM_007481	---
453	1422748_at	0.001182	1330.97	783.5	Zfx1b	NM_015753	NM_015753	---

12 of 49

Table 9

494	1434468_at	0.001361	1183.43	877.73	Otuda	BM238914	XM_194424	
495	1426366_at	0.001362	1166.3	964.73	Eif2c2	AW553784	NM_153178	
496	1456557_at	0.001365	180.1	165.33		BB256666	XM_131596	
497	1437533_at	0.001366	3845.6	2850.77	Birc4	BF134200	NM_009688	
498	1434113_a_at	0.001367	854.53	608.87	Rexo4	BG076284	NM_207234	
499	1424591_at	0.001368	473.1	229.3	583043M19R1k	BC020067	NM_026368	
500	1428138_s_at	0.001373	5264.33	4647.67	Ar110c	AV233429	NM_026011	
501	1452049_at	0.001378	768.67	604.1	Rp1711	BC003907	NM_025433	
502	1454687_at	0.001387	1945.33	1533.67	Irfn5	BB371739	NM_178714	
503	1433908_a_at	0.001388	5017.37	3822.9	Cttn	AV009769	NM_007803	
504	1428219_at	0.001389	2801.57	2098	Rybp	AK010548	NM_019743	
505	1426760_at	0.001398	1054.27	798	Ipo8	AM413962	XM_132974	
506	1416131_s_at	0.0014	2132.87	1344.77		C920006C10R1k	BB188557	NM_133766
507	1453125_at	0.001402	657.9	312.5	Sox11	BM508495	NM_009234	
508	1435233_at	0.001403	2334.27	1870.43	Ncoa2	BM234716	NM_008678	
509	1436317_at	0.001407	744.27	526.47		D230012E17R1k	BM15569	
510	1459765_s_at	0.001413	10340.4	8324.73	Zfp162	BB055869	NM_011750	
511	1452773_at	0.001416	3350.47	2489.5	5730494N06R1k	AK017729	NM_027478	
512	1429022_at	0.001421	1530.63	1210.77	Adcyap1r1	AK013587	NM_001025372	/// NM_007407
513	1428877_at	0.001426	1421.5	1012.83	Srp72	BM942773	XM_132143	
514	1426983_at	0.001433	882.6	655.97	Fnhp1	BM244005	NM_019406	
515	1419181_at	0.001435	1021.73	727.67	Zfp326	NM_018759	NM_018759	
516	1429145_at	0.001436	417.03	308.03	Nhlrc2	AK002650	NM_025811	
517	1435308_at	0.001439	5092.03	3203.83	Fut9	AU067636	NM_010243	
518	1439011_at	0.001442	297.53	131.63	---	BB333400	---	
519	1452718_at	0.001443	3219.9	2681.67	Egdl	BG073486	XM_196130	
520	1433867_at	0.001446	408.93	222.03		1810030007R1k	BG064658	NM_175141
521	1417196_s_at	0.001447	613.33	317.33	D8Ert594e	NM_133791	NM_133791	
522	1427448_at	0.001447	1010.03	837.47	Rabep1	W36239	NM_019400	
523	1456112_at	0.001449	1761.67	907.03	Tpr	AW554765	NM_133780	
524	1419653_a_at	0.001452	7478.83	6611.97	Ddx5	NM_007840	NM_007840	
525	1442077_at	0.001452	268.57	158.83		2310076G05R1k	BB197581	---
526	1435337_at	0.001457	1703.53	1224.87	Zfp537	BB150458	NM_172298	
527	1424588_at	0.001466	4086.93	3059.53	Strgap3	AF481964	NM_080448	/// NM_153070
528	1427640_a_at	0.001472	726.83	467.97	Cbfa2t1h	X79989	NM_009822	
529	1448376_at	0.001473	1127.03	1011.4	Wrip1	NM_030215	NM_030215	
530	1435203_at	0.001473	1970.3	1539.97	Man2a2	BB794673	NM_172903	
531	1439107_a_at	0.001477	1879.03	1125.7	M15	BF021054	---	
532	1432103_a_at	0.001479	1782.1	1545.33	Sh3g13	AK012114	NM_017400	
533	1434648_a_at	0.00149	2198.3	1426.8	Ccm2	BI903794	NM_146014	
534	1428884_at	0.001494	1283.97	1118.47	Tmem57	AK003528	NM_025382	
535	1433925_at	0.001502	3855.4	2482.57	Dncl1c2	BM212035	NM_001013380	

13 of 49

Table 9

536	1433570_s_at	0.001503	917	704.33	Mak10	BG083730	NM_030153	
537	1433488_x_at	0.001505	2402.8	1755.5	Gns	BB543167	NM_029364	
538	1419645_at	0.001507	2775.73	2053.9	Cstf2	BM120662	NM_133196	
539	1455923_at	0.00151	311.77	154.83	Kctd8	BB352927	NM_175519	
540	1423278_at	0.001511	1188.9	854.57	Ptprk	AI893646	NM_008983	
541	1437675_at	0.001519	1827.17	1311.4	Slc8a1	BB522674	NM_011406	
542	1427060_at	0.001521	3776.9	2433.43	Mapk3	BI414398	NM_011952	
543	1452737_at	0.001528	2665.27	1681.4	2810008M24Rik	AK012692	---	
544	1454670_at	0.001536	1814.23	1534.7	Rere	AW556696	XM_204015	
545	1438976_x_at	0.001539	1067.1	617.37	Mat2a	BB272730	NM_145569	
546	1450937_at	0.001549	2301.2	1682.7	Lin7c	BQ176612	NM_011699	
547	1437001_at	0.001549	4501.2	3398.53	Gsk3b	BQ173949	NM_019827	
548	1425580_a_at	0.001551	1236.1	831	Plk3c3	BC024675	NM_181414	
549	1433858_at	0.001551	696.1	599.8	BB67092	NM_175124		
550	1438610_a_at	0.001552	487.2	330.63	Cryz	BB793369	NM_009968	
551	1424594_at	0.001559	1237.93	912.47	---	BC011507	---	
552	1435437_at	0.001559	4488.1	3644.87	MGI:1920501	BM114815	NM_080793	
553	1427274_at	0.001561	1084.37	623.57	D130054N24Rik	AV254847	NM_178709	
554	1419639_at	0.001566	1986.9	1177.43	Efnb2	U30244	NM_010111	
555	1426377_at	0.001575	1006.87	706.53	Zfp281	AV071650	NM_177643	
556	1427371_at	0.001577	128.53	88.6	Abca8a	BC026496	NM_153145	
557	1452792_at	0.00158	1324.13	939.77	Dzip1	AI505011	NM_025943	
558	1439527_at	0.00158	2188.83	1308.3	BB114106	BB149026	---	
559	1456761_at	0.00158	178.6	112.57	D630030B22Rik	BB500664	---	
560	1428552_at	0.001581	1841.53	1170.23	2610001J05Rik	BI694971	NM_183258	
561	1424738_at	0.001582	988.3	842.53	4932432K03Rik	BE288551	NM_144535	
562	1438451_at	0.001582	5672.37	4663.97	MGI:2450166	BI408524	NM_177379	
563	1434427_a_at	0.00159	3249.47	2429.93	Rnf157	BB246182	XM_126776	
564	1429081_at	0.001621	3121.17	2176.9	2600014C01Rik	AK002923	NM_027375	
565	1437937_at	0.001623	392.4	236.2	Ccbp2	AV220666	NM_175491	
566	1429017_at	0.001629	511.2	391.97	Smcr8	AK010198	NM_175491	
567	1428982_at	0.00163	675.4	517.87	D530031C13Rik	AK003687	XM_356572	/// XM_618953
568	1434760_at	0.00163	782.97	588.47	Lrrtm3	BM224801	NM_178678	
569	1423033_at	0.001631	298.47	176.13	Itm1	AA756810	NM_008408	
570	1427032_at	0.001634	1332.13	1053.83	Herc4	AK019546	NM_026101	
571	1423350_at	0.001635	2977.87	1625.73	Soccs5	AA510713	NM_019654	
572	1452870_at	0.001637	376.77	183.33	Apaf1	AK018076	NM_009684	
573	1455825_s_at	0.001641	1497.17	1190.23	Imx1	BB131619	NM_010727	
574	1457990_at	0.001649	1276.63	884.33	C030032C09Rik	BB080832	XM_618798	
575	1455009_at	0.001652	755.77	504.3	Cpd	AW550842	NM_007754	
576	1455316_x_at	0.001652	7951.13	7264.07	Ccna41	AI987693	NM_009834	
577	1443836_x_at	0.001657	1662.3	695.3	Wdr48	BB064885	NM_026236	

Table 9

578	1429861_at	0.001658	3252.1	2623.7	Pcdh9	BQ177394	XM_139187	
579	1433623_at	0.001662	1077.87	696.23	Zfp367	BE629588	NM_175494	
580	1439884_at	0.001666	411.27	290.4	Nudt16	AI851783	NM_029385	
581	1421292_a_at	0.00167	1320.77	1112.97		A730008L03Rik	NM_021393	NM_021393
582	1428252_at	0.001673	1943.63	1364.27	Chmp2b	AA881383	NM_026879	
583	1460555_at	0.001674	1862.57	1242.97	6330500D04Rik	BM242294	NM_178658	
584	1415947_at	0.001686	990.27	811.03	Creg1	BC027426	NM_011804	
585	1452368_at	0.001687	1046.77	813.77	Bcr	AI853148	XM_125706	
586	1434728_at	0.001693	4309.47	3425.3	---	BM220576	---	
587	1428760_at	0.001694	1785.53	1365.97	Snopc3	AW537061	NM_029949	
588	1426083_a_at	0.001695	2457.03	1481.07	Btgl	L16846	NM_007569	
589	1455928_x_at	0.001708	3390.07	2354.1	Lztr1	BB114402	NM_025808	
590	1451475_at	0.00171	1433.93	1138.27	Plxnd1	BC019530	NM_026376	
591	1448884_at	0.001712	849.97	726.07	Gtf2e2	NM_026584	NM_026584	
592	1428561_at	0.001716	2858.83	2507.83	261000J23Rik	AK011292	---	
593	1448958_at	0.001717	616.53	380.73	MGI:1929890	NM_022329	NM_022329	
594	1454652_at	0.001717	4634.73	4090.13	Zfp265	AV221667	NM_017381	
595	1418330_at	0.00172	1594.87	1199.97	Ctcf	BB836888	NM_007794	/// NM_181322
596	1458842_at	0.001723	759.4	581.2	---	AV340888	---	
597	1415981_at	0.001726	2153.83	1535.87	5031400M07Rik	AV258950	NM_020586	
598	1439012_a_at	0.001728	1673.8	1149.17	Dck	BB030204	NM_007832	
599	1434493_at	0.001733	449.5	268.67	1810022K09Rik	BG092222	---	
600	1448343_a_at	0.001739	4092.3	3251.63	Nbr1	NM_008676	NM_008676	
601	1455267_at	0.00174	919.93	640.63	Esrrg	BM120846	NM_011935	
602	1427150_at	0.001751	602.43	454.67	M13	BC022622	XM_355579	
603	1439271_x_at	0.001755	2925.73	2103	Ik	AV255179	NM_011879	
604	1436771_x_at	0.001756	846.33	661.13	Pgd	BB314208	XM_622094	
605	1455706_at	0.001757	353.93	102.5	Stxbp4	BG245414	NM_011505	
606	1450642_at	0.001762	3566.37	2199.77	3110001I20Rik	NM_133725	XM_485063	
607	1447448_s_at	0.001763	665.33	418.93	---	C86813	---	
608	1456226_x_at	0.001764	3507.77	1562.57	Ddrl	BB234940	NM_007584	
609	1437027_x_at	0.001769	5405.43	4753	Rnp1	AV307521	NM_009070	
610	1417707_at	0.001774	933.2	657.83	B230342M21Rik	NM_133898	NM_133898	
611	1445703_at	0.001776	397.33	172.5	AI848149	BB283102	---	
612	1452224_at	0.001788	425.37	283.03	Morc3	BC026506	XM_489605	/// XM_622709
613	1450435_at	0.001791	3244	2472.77	l1cam	NM_008478	NM_008478	
614	1423144_at	0.001794	576.9	488.77	Pik3ca	AI528567	NM_008839	
615	1434450_s_at	0.001794	2614.93	2064.27	---	BG073639	---	
616	1437878_s_at	0.001797	3087.13	1852.93	D3Ertcd789e	BB711506	NM_026222	
617	1436570_at	0.001798	1019.47	797.8	---	BG143461	---	
618	1434497_at	0.001799	1599.57	1107.33	---	BB754142	---	
619	1455584_at	0.001804	2714.8	1605.57	Sdf4	BG064675	NM_011341	

Table 9

620	1423084_at	0.001806	468.67	264.47	B3galc2	BB223909	NM_020025
621	1433575_at	0.001811	4109.1	2953	Sox4	BG083485	NM_009238
622	1441214_at	0.001812	1656.67	1006.23	Exph5	BQ176550	NM_176846
623	1437115_at	0.001815	630.6	513.17	AA673488	BG073405	NM_133935
624	1435176_at	0.001817	5355.13	4104.03	Id2	BF019883	NM_010496
625	1439630_x_at	0.001821	806.47	532.83	MGI:2446326	AI844734	NM_172205
626	1436821_at	0.001823	1432.03	1014.2	Picxd3	BB293136	NM_177355
627	1417695_a_at	0.001824	243.53	163.87	Soat1	BG064396	NM_009230
628	1429918_at	0.001825	1581.27	1243.57	Arhgap20	AK018317	NM_175535
629	1432538_a_at	0.001829	215.8	163.03	Rfc3	AK013095	NM_132528
630	1426457_at	0.001838	3526.33	2714.73	Slmap	BB473571	NM_032008
631	1427456_at	0.001841	1041.73	870.07	Wdfy3	BF150771	NM_172882
632	1459104_at	0.001846	93.03	32.93	Bub3	BB449877	NM_009774
633	1438039_at	0.001849	1266.5	905.07	Hectd1	BB630599	NM_354671
634	1433832_at	0.00185	1042.93	622.53	Unc84b	BB355934	NM_194342
635	1416474_at	0.001857	1122.97	648.83	Nope	NM_020043	NM_020043
636	1436156_at	0.001861	1169.43	847.5	Ccari1	AW538049	NM_026201
637	1437687_x_at	0.001872	1289.23	804.93	Fkbp9	BB026630	NM_012056
638	1425067_at	0.001875	472.1	431.87	Celr3	AF427498	NM_080437
639	1433978_at	0.001879	421.57	307.57	Hdac1	4930430F08Rik	BG073646
640	1448246_at	0.00188	659.8	539.37	Hdac1	NM_008228	NM_008228
641	1454631_at	0.001882	1100.03	755.5	6330549H03Rik	BI689897	---
642	1435984_at	0.001883	192.63	121.73	1110033F14Rik	AI450803	---
643	1449303_at	0.001884	2400.9	1806.87	Sezn3	NM_030261	NM_030261
644	1415920_at	0.001888	5131.33	3898.27	Cstf2c	NM_031249	NM_031249
645	1457034_at	0.00189	668.37	545.4	D14Abble	BM209908	NM_621365
646	1427269_at	0.001891	854.43	676.9	Sfrs11	AW261583	NM_026989
647	1449579_at	0.001891	564.97	378.57	Sh3yl1	NM_013709	NM_013709
648	1426489_s_at	0.001892	1077.13	869.73	Bfar	AK013874	NM_025976
649	1452158_at	0.001903	860.27	497.5	Eprs	BM238943	NM_129647
650	1436921_at	0.001908	286.33	173.13	Atp7a	BG072708	NM_009726
651	1458440_at	0.001912	611.9	492.67	Speccl	BB827631	NM_001029936
652	1451240_a_at	0.001915	3077.67	2042.9	G1c1	BC024663	NM_025374
653	1438306_at	0.001918	890.77	480.8	Rnf180	AV340072	NM_127534
654	1454926_at	0.001922	5018	3622.83	4930544G21Rik	AV327549	NM_172430
655	1435781_at	0.001923	1068.93	848.97	Cand1	BB380335	NM_125901
656	1453067_at	0.001927	119	67.73	2610040C18Rik	AU043467	NM_027263
657	1429476_s_at	0.001931	7922.8	7008.4	Dnaja2	BG063818	NM_019794
658	1437225_x_at	0.001932	141.77	86.5	Gna13	BB782705	NM_010306
659	1452608_at	0.001947	185.4	94.37	Myebp	BB046347	NM_019660
660	1437152_at	0.001949	1054.03	586.2	Rkhd3	BG072837	NM_620516
661	1436226_at	0.001957	3058.73	2373.6	Tceb1	AI891570	NM_026456

Table 9

662	1435267_at	0.001958	1536.8	1196.4	A430108E01R1k	BB041868	---
663	1438236_at	0.00196	509.13	328.33	Nf1a	BB485864	NM_010905
664	1433986_at	0.001965	10852.23	9559.43	BC024659	AV152395	NM_488673
665	1418245_a_at	0.001967	2421.27	1842.97	Rbm9	BG277926	NM_053104 /// NM_175387
666	1460601_at	0.001969	2205.5	1674.27	Myrip	BB429683	NM_144557
667	1435167_at	0.001976	763.67	586.3	Ranbp6	AM108431	NM_177721
668	1436483_at	0.001982	4585.03	2851.43	Myt1l	BM116113	NM_008666
669	1438641_x_at	0.001982	2670.93	1800.5		1500016010R1k	BB391156 NM_133706 /// XM_622417
670	1448653_at	0.001986	824.17	626.53	Eed	U97675	NM_021876
671	1457059_at	0.001987	223.97	134.83	B830013J05R1k	BB333562	NM_178722
672	1455222_a_at	0.001995	1911.6	1267.9	Ubp1	BB50053	NM_013699
673	1423902_s_at	0.002002	3251.47	2674.17	Arhgef12	AF467766	NM_027144
674	1448780_at	0.002002	712.03	482.57	Slc12a2	BG069505	NM_009194
675	1430037_at	0.002022	992.57	769.13	Snx27	AK017836	NM_131051
676	1438258_at	0.002023	1662.97	1148.97	Vldlr	BB647363	NM_013703
677	1435174_at	0.002024	1038.17	686.23	Rsbm1	AW546080	NM_172684
678	1426976_at	0.002025	2259.6	2002.7	Usp47	BG069271	NM_133758
679	1423275_at	0.002033	865.47	653.77	Ddx26	BB381966	NM_008715
680	1427882_at	0.002033	317.17	261.67	493058M11R1k	AK016368	NM_153806
681	1445723_at	0.002034	225.23	168.87	Akr1b3	BB451636	NM_009658
682	1433738_at	0.002039	1642.17	1254.27	5730445M16R1k	AV315131	NM_134422
683	1437002_at	0.002041	1069.57	834.2	C030011014R1k	BB303443	NM_174868
684	1426685_a_at	0.002043	1648.97	1131.93	Cnot6	BM940481	NM_212484
685	1428099_a_at	0.002043	3174.2	2320.63	Sfrs1	BF147037	NM_173374
686	1420376_a_at	0.002047	4510.33	3519.23	H3f3b	NM_008211	NM_008211
687	1426877_a_at	0.002049	1716.13	1041.4	2610016F04R1k	AK020971	NM_619217
688	1457218_at	0.002052	3003.53	2377.6	6430510M02R1k	BB296225	NM_176932
689	1447522_s_at	0.002064	6150.57	3992.77	Tnks2	AI662480	NM_129246
690	1424824_at	0.002069	1233.07	710.9	9630044O09R1k	BB704967	NM_198014
691	1438098_at	0.002075	271.73	198.43	Dlgap1	BB124990	NM_027712 /// NM_177639
692	1449446_at	0.002077	332.63	274.17	D10Erd718e	BC027401	NM_025602
693	1435207_at	0.002081	2169.03	1403.67	Dlxdc1	BB758432	NM_178118
694	1455046_a_at	0.002082	1119.23	736.13	Pogz	BI250645	NM_172683
695	1438628_x_at	0.002083	1172.33	594.93	Cntn3	BB559510	NM_008779
696	1424674_at	0.002084	1863.23	1229.6	Slc39a6	BB825002	NM_139143
697	1433490_s_at	0.00209	1880.73	1496.8	Epb4.112	BE951907	NM_013511
698	1455052_a_at	0.002101	5143.1	4056.33	2410129H14R1k	BI153133	NM_175245
699	1417665_a_at	0.002104	1151.8	939.07	Cpsf1	NM_053193	NM_053193
700	1437576_at	0.002105	216.3	152.43	2810427A07R1k	C76158	---
701	1453070_at	0.002105	522	368.93	Pcdh17	BB305930	NM_001013753
702	1443904_at	0.002107	441.83	282.43	Fads6	BE996238	NM_178035
703	1435930_at	0.002111	1242.97	1071.63	Zfp291	BQ175997	NM_620753

Table 9

704	1453593_at	0.002113	125.63	56.97	1700110N18Rik	BG066866	XM_283372	
705	1434735_at	0.002116	3053.77	1897.9	Hlf	BB744589	NM_172563	
706	1451202_at	0.002117	1619.53	1234.17	C330007P06Rik	BC021479	XM_135837	
707	1448849_at	0.002121	895.23	737.87	Mrp140	NM_010922	NM_010922	
708	1438029_at	0.002127	678.97	496.97	4930535B03Rik	BB817800	XM_485279	
709	1450053_at	0.002128	2630.43	2538.23	Klf2a	NM_008442	NM_008442	
710	1433852_at	0.002128	3084.53	2885.5	C330002119Rik	BG075834	XM_126866	
711	1443849_x_at	0.002135	1854.57	1497.07	Urod	AV292769	NM_009478	
712	1435486_at	0.002137	3195.27	2394.07	Pak3	BQ175796	NM_008778	
713	1438709_at	0.002138	101.77	60.6	D11Ert6498e	BB044002	NM_145940	
714	1434108_at	0.00214	2343.67	1652.2	Pbxo11	BM250164	XM_110248	
715	1455156_at	0.002144	799.27	550.07	Strn	BG519214	NM_011500	
716	1430999_a_at	0.002154	2415.33	1910.83	Scoc	BM932452	NM_019708	
717	1442994_at	0.002154	468.23	260.27	---	BQ177195	---	
718	1453078_at	0.002157	1240.2	894	8430408J07Rik	AK018397	---	
719	1455334_at	0.00216	544.03	398.83	C85843	BG067299	---	
720	1426604_at	0.002164	245.5	172.43	Rnasel	BF714880	NM_011882	
721	1452053_a_at	0.002164	1761.73	1288.57	Thnm33	BB771960	NM_028975	/// NM_030108
722	1455141_at	0.002164	948.57	568.4	Thrc6a	BI080625	XM_486002	
723	1435487_at	0.002172	370.73	288.83	Grid2	BB049642	NM_008167	
724	1443327_at	0.002178	1135.47	877.07	D130043K22Rik	BB456021	XM_111397	
725	1447053_x_at	0.002203	3497.37	2205.6	Ser3	AU022074	NM_026155	
726	1452952_at	0.002205	4040.1	2927.6	9030418K01Rik	AK018518	---	
727	1448933_at	0.002217	777.47	573.2	Pcdhb17	NM_053142	NM_053142	
728	1436301_at	0.002231	611.37	451.9	Ripk5	BB435342	NM_172516	
729	1428779_at	0.002235	1139.97	739.13	Zcub41	BB526541	NM_172643	
730	1438231_at	0.002235	360.5	237.23	Foxp2	AV322952	NM_053242	/// NM_212435
731	1438371_x_at	0.002243	5159	4037.03	Ddx5	BB114677	NM_007840	
732	1458528_at	0.002244	394.3	255.53	C330002119Rik	AW491643	XM_126866	
733	1426413_at	0.002247	764.5	406.77	Neurod1	BM116592	NM_010894	
734	1436624_at	0.002253	4011.57	3269.67	Dnm3	BE988832	NM_172646	
735	1416422_a_at	0.002255	1155.7	700.23	Ssb	BG796845	NM_009278	
736	1427965_at	0.002264	2462.5	1218.2	Ssbp1	BG073014	NM_028358	/// NM_212468
737	1424677_at	0.002273	464.17	353.57	Cyp2j9	AF336850	NM_028979	
738	1434250_at	0.002273	152.7	123.2	Pak2	AW537308	NM_177326	
739	1454701_at	0.002273	88.1	60.77	4930503119Rik	AI450962	NM_172967	
740	1421750_a_at	0.002275	4080.17	2908.57	Vbp1	NM_011692	NM_011692	
741	1457731_at	0.002279	253.9	165.87	Snpc3	BB247595	NM_029949	
742	1425194_a_at	0.002283	2521.77	1912.6	Rai16	AU040322	XM_139129	NM_026377
743	1457246_at	0.002283	1058.73	669.87	E112	NM_138953	XM_484289	
744	1450744_at	0.002288	1925.13	1298.4	E112	NM_138953	XM_484289	



Table 9

745	1424642_at	0.002304	826.93	655.57	Thoc1	BC024951	NM_153552	
746	1455165_at	0.002304	1593.97	1220.6	Rora	BE335227	NM_013646	
747	1437179_at	0.002306	599.17	496	Rif1	EG070871	NM_175238	
748	1433571_at	0.002313	953.67	613.23	Serinc5	BQ175260	NM_172588	
749	1456293_s_at	0.002318	2822.9	1884.77	Ccnh	AA068868	NM_023243	
750	1433795_at	0.002322	469.57	247.6	Tgfb3	BM122301	NM_011578	
751	1455507_s_at	0.002323	1255.97	800.63	D8Ertd587e	BM223036	---	
752	1434509_at	0.002325	1110.37	793.33	Rapgef6	BM250883	XM_484023	/// XM_484024
753	1427991_s_at	0.002326	2400.2	1630.67	Usp45	BM249286	NM_152825	
754	1448708_at	0.002333	925	625.73	Pparbp	NM_134027	NM_013634	/// NM_134027
755	1454973_at	0.002333	1149.63	817.9	Atf7ip	BF456242	NM_019426	
756	1415841_at	0.002335	2796.67	2237.73	Dncic2	NM_010064	NM_010064	
757	1430530_s_at	0.002337	214.83	149.93		1110025F24R3k	AK012340	NM_026393
758	1436839_at	0.002355	832.13	504.93	---	BI174749	---	
759	1456005_a_at	0.002355	457.9	280.4	Bcl2l1	BB667581	NM_009754	/// NM_207680
760	1452675_at	0.002367	725.8	584.43	Rbm22	BB758922	XM_619541	/// NM_207681
761	1455249_at	0.002379	1611.4	1277.9	Slc36a4	BQ175681	NM_172289	
762	1459885_s_at	0.002384	139.2	65.87	Cox7c	AA190297	NM_007749	
763	1418029_at	0.002385	1109.07	870.7	Faim	NM_011810	NM_011810	
764	1448434_at	0.002385	1946.33	1490.33	Raf103	NM_009543	NM_009543	
765	1450973_s_at	0.002385	921.73	663.33	Mapkbp1	BQ174980	NM_011941	
766	1433593_at	0.002386	1629.77	1267.43	Ypel5	BB316456	NM_027166	
767	1452107_s_at	0.002397	1546.67	1000.07	Npnt	AA223007	NM_001029836	/// NM_033525
768	1427270_a_at	0.002399	1367	882.27	Bsdcl	BF729638	NM_133889	
769	1422703_at	0.002407	449.37	259.47	Gyk	BF683028	NM_008194	/// NM_212444
770	1428463_a_at	0.002408	2726.2	1904.07	Ppp2r5e	BB535888	NM_012024	
771	1452781_a_at	0.002416	746.33	569.73	Gtf3c2	AV297256	NM_027901	
772	1437375_at	0.002429	1868.57	1105.33	Rfx3	BB745175	NM_011265	
773	1456351_at	0.002429	387.2	259.4	Brd8	AV341197	NM_030147	
774	1428103_at	0.00243	2832.27	1854.1	---	AV327574	---	
775	1438941_x_at	0.002433	1268.5	939.93	Ampd2	AV330806	NM_028779	
776	1437252_at	0.002437	829	656.8	Gats	BB768012	NM_030719	
777	1417424_at	0.002439	1652.27	1191.73	Ier3ip1	BE287896	NM_025409	
778	1437585_x_at	0.00244	566.03	306.93	Zfp161	BB329659	NM_009547	
779	1426832_at	0.002444	1042	807.87		6330505F04R1k	BB460424	NM_172779
780	1440253_at	0.002445	2662.77	1787.9	---	AV136581	---	
781	1426114_at	0.00245	7336.23	4108.47	Hmrpb	I36663	NM_010448	
782	1440027_at	0.00245	477.13	360.03		2610528022R1k	BB119857	NM_153395
783	1455633_at	0.002455	500.7	338.9	Zfp647	BB040500	NM_172817	
784	1430583_at	0.002472	3234.53	2922.07	C130076007R1k	BB064688	NM_176930	
785	1429251_at	0.002474	430.93	255.27	Ptdm2	BM226301	XM_204027	
786	1435280_at	0.002477	2745.97	2108.8	AT452195	BB303582	---	

Table 9

787	1419469_at	0.002485	777.87	615.93	Gnb4	BI713933	NM_013531	
788	1434044_at	0.002487	959.27	808.47	Regin1	AV286809	NM_175099	
789	1426924_at	0.002489	4530.2	3391.67	Mnab	AA709668	XM_130233	
790	1425940_a_at	0.002495	814	708.33	Ssbp3	AF170906	NM_023672	/// NM_198438
791	1457632_s_at	0.002495	1345.77	652.2	Mrg1	BB207647	NM_010825	
792	1437621_x_at	0.002498	1502.4	1246.97	Phgdh	LOC546010	AV216768	NM_016966 /// XM_620577
793	1439478_at	0.002507	320.97	177.97	Acot2	BB500039	NM_134188	
794	1459861_s_at	0.002516	840.4	447.97	Fbx110	AV221085	NM_001003953	/// NM_001005866 ///
	NM_013910							
795	1448178_a_at	0.002532	4587.47	4036.67	Cct3	NM_009836	NM_009836	
796	1436318_at	0.002533	2289.93	1570.5	Tardbp	AV338665	NM_001003898	/// NM_001003899 ///
	NM_001008545	/// NM_001008546	/// NM_145556					
797	1430667_at	0.002543	2640.67	1636.33	Pcdh10	BB077413	NM_011043	
798	1460315_s_at	0.002545	2213.7	1582.97	Tbkl	NM_019786	NM_019786	
799	1423829_at	0.002548	5835.07	5023.53		0910001A06R1k	BC011343	NM_144846
800	1452152_at	0.002555	2768.1	2018.47	AI642036	AW537616	XM_109767	
801	1427351_s_at	0.002558	247.47	93.9	Igh-6	BB226392	XM_484186	
802	1448269_a_at	0.002562	722.43	452.33	Klhl13		NM_026167	NM_026167
803	1427504_s_at	0.002568	3607.33	2497.37	Sfrs2	AF250133	NM_011358	
804	1422624_at	0.002569	525.87	417.67	Rev11	NM_019570	NM_019570	
805	1458370_at	0.002569	305.7	200.43	Bmp2k	BM234405	NM_080708	
806	1419443_at	0.00258	1689.83	1408.8	Sap18	NM_009119	NM_009119	
807	1451542_at	0.002587	2310.13	1583.33	Ssbp2	AY037837	NM_024186	/// NM_024272
808	1453104_at	0.002587	10028.47	8298.13	Mapk1	AK018549	NM_011949	
809	1448100_at	0.002591	4597.3	3865.27		4833439L19R1k	NM_133797	NM_133797
810	1429189_at	0.002594	4951.43	4103.07		1110007C02R1k	BI440651	NM_027923
811	1455151_at	0.002602	365.03	224	Akap9	C79026	NM_194462	
812	1436875_at	0.002604	2575.77	1274.07	Dnm3	BB130476	NM_172646	
813	1418304_at	0.002605	242.37	87.67	Pcdh21	NM_130878	NM_130878	
814	1450223_at	0.002607	203.2	102.13	Apafl	NM_009684	NM_009684	
815	1456026_at	0.002612	232.77	181.77		8030451K01R1k	AV303159	NM_172501
816	1417371_at	0.002615	1445.8	1160.53	Pel11	BC016515	NM_023324	/// NM_030015
817	1452676_a_at	0.002619	421.77	354.23	Pnpt1	BB777815	NM_027869	
818	1418048_at	0.00262	1812	1387.17		1110059G10R1k	NM_025419	NM_025419
819	1451740_at	0.002621	1588	1113.67	Paip1	BC019726	NM_145457	
820	1421508_at	0.002632	265.67	179.43	Odz1	NM_011855	NM_011855	
821	1435430_at	0.002638	2426.33	1877.7	Tmem1	BM200437	XM_125775	/// XM_359259
822	1452176_at	0.002649	1268.6	1003.03	Nup153	BB292874	NM_175749	
823	1434084_at	0.002654	1168	767.17		5730601F06R1k	BF142017	XM_486197
824	1454794_at	0.002663	1869.47	1344.43	Spast	AV298495	NM_016962	
825	1437287_at	0.002665	1684.87	1262.73		1110020G09R1k	BB277742	XM_127934
826	1443401_at	0.002665	374.77	276.5	Astn2	BM941510	NM_019514	/// NM_207109

Table 9

827	1456567_x_at	0.002666	1444	993.3	Grn	BB00455	NM_008175		
828	1451254_at	0.002668	2658.07	1943.37		Ikbpap	AF367244	NM_026079	
829	1448104_at	0.002676	1612.67	922.03		Alth6a1	NM_134042	NM_134042	
830	1454764_s_at	0.002678	3772.73	3034.03		---	BF165681	---	
831	1426905_a_at	0.002687	1916.5	1356.53		Dnajc10	AV114239	NM_024181	
832	1441640_at	0.002687	115.13	66.97	---	BM116859	---		
833	1427074_at	0.002692	2541.87	1897.47		Pcmtd2	BM117243	NM_153594	
834	1456632_at	0.002704	1100.47	774.73		Bcl11a	BB424718	NM_016707	
835	1437784_at	0.002705	607.1	444.17		Cbfa2t1h	AW550878	NM_009822	
836	1455091_at	0.002708	488.4	345.3	Ms12	At642021	XM_150227		
837	1424005_at	0.002725	6084.07	5148.8		B230219D22Rik	BC006718	NM_181278	
838	1451990_at	0.002725	2136.2	1590.73		Mapre2	BC027056	NM_153058	
839	1452193_a_at	0.00273	4595.4	3297.33		Wasi	BR466143	NM_028459	
840	1454625_at	0.002731	326.6	205.9	Phf6	BG073473	NM_027642		
841	1424634_at	0.002733	2116.27	1518.17		Tceal1	BC011290	NM_146236	
842	1450017_at	0.002733	1940.7	1528.77		Ccng1	BG065754	NM_009831	
843	1457017_at	0.002734	66.87	49.43	2410005016Rik	BB379103	NM_025476		
844	1423097_s_at	0.002746	1247.5	808.83		Capn7	BQ257745	NM_009796	
845	1460631_at	0.002746	4733.5	3638.53		Ogt	BF681886	NM_139144	
846	1423848_at	0.002747	620.27	440.9	Mphosph6	BC008161	NM_026758		
847	1426248_at	0.002747	1637.73	1265.57		Stk24	BG060677	NM_145465	
848	1458163_at	0.002749	550.07	462.67		BC066028	AV328953	NM_001001180	
849	1452833_at	0.002752	7336.73	5648.6		Raggef2	AK018008	NM_203399	
850	1437666_x_at	0.002764	8120.47	6716.8		Udc	AW551908	NM_019639	
851	1452974_at	0.002781	411.33	252.5	No18	AK017551	XM_484255		
852	1430596_s_at	0.002783	90.77	44	1700110N18Rik	BG066866	XM_283372		
853	1455829_at	0.002795	1989.73	1726.9		Usp14	BG066490	NM_021522	
854	1416653_at	0.002796	705.17	559.8	Stxbp3a	NM_011504	NM_011504		
855	1434444_s_at	0.002808	931.77	757.17		---	AV113524	---	
856	1449546_a_at	0.002811	1317.8	764.33		Zfp617	NM_133358	NM_133358	
857	1440325_at	0.002814	750.73	483.37		---	AV332226	---	
858	1417960_at	0.002816	628.2	513.93		Cpeb1	NM_007755	NM_007755	
859	1418873_at	0.002818	371.07	313.3	Sfkm4	NM_053198	NM_053198		
860	1428725_at	0.002819	1000.67	756.57		Pias2	AK018146	NM_008602	
861	1439093_at	0.00282	1192.5	894.9	---	BB270852	---		
862	1443935_at	0.00282	1221.23	916.6	BC032203	BI683943	XM_140041		
863	1429155_at	0.002822	1179.67	1002.7		4933411K20Rik	BQ175454	NM_025747	
864	1429595_at	0.002822	182.63	118.9	2700049A03Rik	AK012399	XM_126944		
865	1437209_at	0.002829	121.7	85.37	6230425F05Rik	AV324566	XM_129027		
866	1423103_at	0.002831	448.77	309.07		Rfx5	BB392192	NM_001025601	/// NM_017395
867	1429688_at	0.002834	128.63	72.43	Arnt12	BB713508	NM_172309		
868	1419811_at	0.002845	2170.87	1662.93		Dlewsu65e	AW125421	---	

Table 9

869	1416659_at	0.002848	2398.97	2010.27	Eff3s10	AW701127	NM_010123	
870	1423059_at	0.00285	3022.5	2727.13	Ptk2	AI528614	NM_007982	
871	1452332_at	0.002854	972.03	646.27	E030025D05R1k	AW060797	NM_181577	
872	1433895_at	0.002857	1322.9	1090.63	2310003P10R1k	AW495410	NM_175145	
873	1448743_at	0.00287	2312.43	1815.33	Ssx2ip	NM_138744	NM_138744	
874	1435880_at	0.002871	1672.6	1535.57	E430012K20R1k	BM119343	XM_130845	
875	1437707_at	0.00288	711.23	560.73	BC019561	BB835597	NM_144867	
876	1423086_at	0.002908	477.9	372.9	NpC1	BB769209	NM_008720	
877	1428895_at	0.002914	424.5	229.03	3222401M2R1k	BE225664	XM_129814	
878	1441178_at	0.002918	104.83	65.1	Dtwd2	BB818617	XM_355059	
879	1417284_at	0.002921	703.7	506.2	Mapkap1	NM_133841	NM_177345	
880	1416180_a_at	0.002924	599.4	510.27	Rdx	NM_009041	NM_009041	
881	1437850_a_at	0.002925	2170.57	1381.67	Cubp1	AV299745	NM_013493	
882	1435634_at	0.002933	2381.37	1902.27	A030012M09R1k	BB549335	NM_183028	
883	1435661_at	0.002945	1261.43	889.73	Als2cr4	BB018660	XM_355201	
884	1424368_s_at	0.002951	6551.37	5816.73	Ubp1n1	BC026847	NM_026842	/// NM_152234
885	1419037_at	0.002954	1061.77	793.77	Csnk2a1	BB283759	NM_007788	
886	1438169_a_at	0.002955	732.53	415.63	Ftmd4b	BB009122	NM_145148	
887	1438531_at	0.002956	346.5	185.73	A730054J21R1k	BM119567	---	
888	1427073_at	0.00296	623.03	477.2	Iacel	AF397909	NM_145743	
889	1440487_at	0.002964	669.83	469.53	Dcc	BE824778	NM_007831	
890	1433475_a_at	0.002967	4583.6	3627.5	C78339	BG075168	XM_127312	
891	1424198_at	0.002968	504.07	409	Dlg5	BC021314	XM_127605	
892	1436912_at	0.002969	6498.7	5069.33	3110038015R1k	BB768064	---	
893	1421664_a_at	0.002973	611.77	462.43	Styx	NM_019637	NM_019637	
894	1434892_x_at	0.002987	6962.67	5698.67	Rbbp4	BB462744	NM_009030	
895	1454643_at	0.002987	681.53	552.37	Ubp21	BI408204	NM_028475	/// NM_153489
896	1452734_at	0.002988	2322.37	2039.03	Rnasct2	BI410170	NM_026611	
897	1424920_at	0.00299	321.5	283.27	Slc37a3	BC005744	NM_028123	
898	1447788_s_at	0.002997	1906	1348.87	Tspyl3	BB308532	NM_198617	
899	1426709_a_at	0.003002	2319.57	1515	Usp33	BG075953	NM_133247	
900	1448733_at	0.003002	1361.4	780.43	Pcgf4	M64279	NM_007552	
901	1452763_at	0.003002	2325.53	1846.13	Nipal1	BB770774	NM_153578	
902	1454876_at	0.003002	521.4	385.57	Rab23	BB771587	NM_008999	
903	1429652_at	0.003012	589.87	442.6	1190002C06R1k	AK009976	NM_028447	
904	1433679_at	0.003017	468.17	235.93	Fubp3	BB39719	XM_130112	
905	1438221_at	0.003018	4081.3	3249.17	C130065N10R1k	AI875682	---	
906	1456058_at	0.003021	1394	827.73	Rbm27	BB228600	XM_128924	
907	1431076_at	0.003023	5522.9	4786.9	Add2	BG976853	NM_013458	
908	1455521_at	0.003025	1336.4	835.53	Klf12	BB753447	NM_010636	
909	1437869_at	0.003026	1087.13	763.3	3222402P14R1k	BF140684	XM_135153	

Table 9

910	1460230_at	0.003029	5072.63	4314.87	Syn2	NM_013681	NM_013681	
911	1444077_at	0.003029	1597.13	1247.93	---	BE993694	---	
912	1450881_s_at	0.00303	746.77	481.07	Tm7sfl	AK010724	NM_031999	
913	1435078_at	0.003032	2976.4	2584.97	3526402J09Rik	BQ173895	---	
914	1433749_at	0.003057	1613.03	1338.17	Gna13	BG073165	NM_010303	
915	1427742_a_at	0.003059	467.73	359.6	Klf6	AF072403	NM_011803	
916	1434766_at	0.003059	1469.93	937.6	Prkaa2	BQ175911	NM_178143	
917	1438720_at	0.003065	613.4	471.57	9330159F19Rik	AV328072	XM_137017	
918	1439397_at	0.003068	443.63	236.87	BB164513	BB164513	---	
919	1434565_at	0.00308	828.2	609.43	Cgrrf1	AV305616	NM_026832	
920	1422842_at	0.003081	647	564.47	Xrn2	NM_011917	NM_011917	
921	1438007_at	0.003094	3709.67	2025.57	At851790	BB432758	NM_182807	
922	1437757_at	0.003098	246.2	196.3	---	BB402190	---	
923	1418431_at	0.003105	1105.37	622.03	Klf5b	BT328541	NM_008448	
924	1429949_at	0.003106	702.77	480.43	6530415H1Rik	AK018340	---	
925	1416065_a_at	0.003123	846.93	632.23	Ankrd10	NM_133971	NM_133971	
926	1460043_at	0.003125	1066.33	652.37	---	BB357628	---	
927	1428795_at	0.003132	656.77	411.6	1110021I09Rik	BB767129	---	
928	1426712_at	0.003141	2383.17	1714.03	S1c6a15	BB129409	NM_175328	
929	1415802_at	0.003144	1953.1	1549.07	S1c16a1	NM_009196	NM_009196	
930	1440201_at	0.003148	799.53	560.33	AV344025	BB313689	---	
931	1436268_at	0.003149	11509.63	9714.43	Ddn	AT841578	XM_619356	
932	1456795_at	0.00315	341.03	277.87	D330027G24Rik	BB449568	---	
933	1447623_s_at	0.003153	348.2	231.53	---	AV297026	---	
934	1420609_at	0.003158	3744.47	2880.97	7-Mar	NM_020575	NM_020575	
935	1439035_at	0.003163	1279.17	873.87	Zfp322a	BG075830	NM_172586	
936	1453160_at	0.003164	1502.9	1179.9	Thrap1	BB244704	XM_109726	
937	1437682_x_at	0.00317	454.07	313.4	1110004E09Rik	AV165159	NM_026502	
938	1435619_at	0.00317	443.57	323.8	Bhc80	BM119444	NM_138755	
939	1439847_s_at	0.00317	1781.9	830.47	Klf12	BM249597	NM_010636	
940	1428494_a_at	0.003181	2140.8	1870.07	Polr2i	BB284638	XM_133304	
941	1447624_s_at	0.003185	9653.6	7713.1	Stox2	BB174262	NM_175162	
942	1452207_at	0.003186	2274.47	1978.83	Cited2	Y15163	NM_010828	
943	1456067_at	0.003188	343.17	298.4	G1i3	AW546010	NM_008130	
944	1428876_at	0.003199	2019.67	1622.57	Srp72	BM942773	XM_132143	
945	1426583_at	0.003202	5750.17	3784.03	Atf2	BM119623	NM_001025093	/// NM_009715
946	1426541_a_at	0.003203	867.73	622.93	2310067E08Rik	BF168366	NM_028013	
947	1434355_at	0.003207	946.1	661.03	Zfp617	BB159201	NM_133358	
948	1436746_at	0.00321	1513.37	1033.57	Wnk1	BI692255	NM_198703	
949	1450031_at	0.003215	4145.8	2889.3	Aff4	BM230280	NM_033565	
950	1428579_at	0.003223	1910.2	1646.47	Fmn12	AK017338	XM_288949	
951	1450084_s_at	0.003224	2224.1	2066.2	Ivns1abp	NM_054102	NM_028582	/// NM_054102

Table 9

952	1448144_at	0.003237	570.63	371.2	Hmrpa	NM_010448	NM_010448
953	1441662_at	0.003237	618.73	443.07	---	BB171122	---
954	1454874_at	0.003237	568.9	385.93	Btbd7	BG076293	NM_172806
955	1455082_at	0.003264	768.97	655.6	Cblb	AW545867	XM_156257 /// XM_358863
956	1455047_at	0.003266	1361.87	1110.8	Fbxo3	AV024918	NM_020593 /// NM_212433
957	1420822_s_at	0.003272	972.47	622.9	Sgpp1	NM_030750	NM_030750
958	1424242_at	0.003274	944.53	732.97	Bph1	BC023146	NM_026512
959	1448702_at	0.00328	1923.9	1603.33	Ier3ip1	BE287896	NM_025409
960	1438062_at	0.003283	1145.43	820.47	4832420A03Rik	BM933984	---
961	1426856_at	0.003284	400.3	267.27	Hsd12	BM200015	NM_024255
962	1435484_at	0.003286	1294.57	922.1	BF642829	BM729431	---
963	1428277_at	0.003287	1382.6	1101.3	Otud6b	AK011203	NM_152812
964	1434671_at	0.003287	4562.03	3385.47	B230337E12Rik	BM120593	---
965	1457257_x_at	0.003292	256.4	83.23	---	BB380053	---
966	1436600_at	0.003296	1422.13	752.83	Thrc9	BM119957	NM_172913
967	1435285_at	0.003298	994.5	843.7	Mpped2	BB731805	XM_619790
968	1448484_at	0.003303	4716.13	3854.53	Amd1	NM_009665	NM_009665
969	1451769_s_at	0.003313	823	633.23	Pcdha4	Pcdha6	BB265776 NM_001003671 ///
NM_001003672 /// NM_007766 /// NM_007767 /// NM_009957 /// NM_009959 /// NM_009960 /// NM_009961 /// NM_054072 ///							
NM_138661 /// NM_138662 /// NM_138663 /// NM_198117 /// NM_201243							
970	1423451_at	0.003316	11247.77	9626.13	Pgrmc1	AI574180	NM_016783
971	1438782_at	0.003322	369.6	240.97	Cttn4	AW553181	NM_173004
972	1420925_at	0.003324	2417.83	1973.47	Tub	NM_021885	NM_021885
973	1426851_a_at	0.003331	5146.4	3069.07	Nov	X96585	NM_010930
974	1460547_a_at	0.003334	11104.7	9607.63	Hmrpk	BB722680	NM_025279
975	1454897_at	0.003335	623.77	425.4	633050M05Rik	AV330057	---
976	1434101_at	0.003335	648.13	496.4	Nf1b	BI687652	NM_008687
977	1455940_x_at	0.003341	3791.47	2200.7	Wdr6	BB453609	NM_031392
978	1436169_at	0.003345	1241.63	783.53	---	BB428892	---
979	1436908_at	0.003357	1199.33	848.73	Pcm1	BG076129	NM_023662
980	1434314_s_at	0.003362	2248.8	1614.9	Rab11fip5	BQ177085	NM_001003955 /// NM_177466
981	1438634_x_at	0.003363	5623.07	3656	Lasp1	BB105164	NM_010688
982	1425115_at	0.003364	1834.03	1167.07	Rbbp6	BC025874	NM_011247 /// NM_175023
983	1416757_at	0.003368	165.67	95.8	Zwllch	BC027435	NM_026507
984	1437200_at	0.003371	1022.97	701.37	Fcho2	BM235711	NM_172591
985	1434258_s_at	0.00338	344.67	265.8	Phactr4	AV248174	NM_175306
986	1423479_at	0.003387	735.87	657.43	Ncl11	AK005123	NM_133702
987	1439777_at	0.003387	3319.6	2703.93	B230218003	BB308170	NM_183219
988	1448694_at	0.003388	1492.5	862.77	Jun	NM_010591	NM_010591
989	1436388_a_at	0.003389	1230.97	872.03	3630406C13Rik	BB763097	NM_146051 /// NM_178141
990	1424200_s_at	0.003395	1619	1300.7	Seh11	AW537349	NM_028112

25 of 49

Table 9

1032	1448537_at	0.003598	1311.4	1217.17	Ttc1	NM_133795	NM_133795	
1033	1433782_at	0.003599	1115.47	833.77	Cldn12	AW554231	NM_022890	
1034	1429779_at	0.003603	276.97	202.17	Eif2c4	AI481660	NM_153177	
1035	1451405_at	0.003611	1191.3	936.67	Pcca	AY046947	NM_144844	
1036	1423883_at	0.003616	1806.4	1411.83	Acs11	BC006692	NM_007981	
1037	1435021_at	0.00363	7474.2	6898.07	Gabrb3	BQ175666	NM_008071	
1038	1450663_at	0.003635	231.13	150.97	Thbs2	NM_011581	NM_011581	
1039	1456089_at	0.003635	687.13	496.53	Trim23	AV276781	NM_030731	
1040	1433507_a_at	0.00364	8031.7	6486.43	Hmg2	BE553881	NM_016957	
1041	1422481_at	0.003642	173.3	110.47	Krt2-1	NM_008473	NM_008473	
1042	1440910_at	0.003644	1848.17	1335.23	---	AW495307	---	
1043	1455113_at	0.003646	837.37	675.2	Armc8	BM232782	NM_028768	
1044	1434842_s_at	0.003649	984.67	698.1	Upf3b	AV294165	NM_026573	
1045	1451264_at	0.003649	985.47	870.7	Frm6	BC019939	NM_028127	
1046	1455712_at	0.003649	724.5	468.63	Hist3h2a	AI848909	NM_178218	
1047	1435260_at	0.003651	1906.1	1590.87	---	BG695418	---	
1048	1437748_at	0.003654	590.9	459.27	Fut11	AV264909	NM_028428	
1049	1435545_at	0.003656	497.2	291.5	BC032203	BB242234	NM_140041	
1050	1448570_at	0.003657	4094.47	3369.43	Gmfb	BG228815	NM_022023	
1051	1436034_at	0.003663	615.73	325.7	Rabl	AW550283	NM_008996	
1052	1453266_at	0.003665	1555.23	1043.73	Zbtb4	BB767069	NM_126150	
1053	1440279_at	0.003668	1210.57	929.3	---	BM249193	---	
1054	1454560_at	0.003673	1739.87	1348.5	Smad3	BI646741	NM_016769	
1055	1455945_at	0.003674	280.03	206.6	A530094117Rik	AV282347	NM_001007575	
1056	1433521_at	0.003679	4813.13	4184.6	Ankrd13c	AV104707	NM_001013806	
1057	1453002_at	0.003684	277.1	148.3	Sox11	BE825056	NM_009234	
1058	1437468_x_at	0.003696	9275.4	7463.83	Fbxw11	BB315985	NM_134015	
1059	1455339_at	0.003703	423.43	353.93	C430014M02Rik	BG094421	NM_485391	
1060	1415908_at	0.003704	3793.2	2731.27	Tspyl1	AF042180	NM_009433	
1061	1449048_s_at	0.00371	1795.23	1496.47	Rab4a	NM_009003	NM_009003	
1062	1426774_at	0.003722	180.7	134.77	Parp12	BM227980	NM_172893	
1063	1427281_at	0.003723	2366.07	1977.07	Scn2a1	NM_148930	---	
1064	1456262_at	0.003728	804	585.8	Rbm5	BE446879	NM_148930	
1065	1436836_x_at	0.003729	3158.47	2494.4	Cnn3	BB724741	NM_028044	
1066	1429443_at	0.003729	2011.13	1553.93	Cpne4	AK014396	NM_028719	
1067	1436535_at	0.003732	1054.63	623.47	Trove2	BQ176653	NM_013835	
1068	1455365_at	0.003742	418.33	293.83	Cdh8	BB426483	NM_007667	
1069	1440825_s_at	0.003748	819.77	530.27	Ccdc28a	AV100366	NM_144820	
1070	1454919_at	0.003753	1376.93	1095.67	AU044698	BF682870	---	
1071	1416722_at	0.003754	2343.57	2090.33	Hmg20a	NM_025812	NM_025812	
1072	1448210_at	0.003754	2595.53	2038.13	Rabl	AW108405	NM_008996	
1073	1451519_at	0.003755	1415.3	1126.57	Raf2	BC020122	NM_011277	



27 of 49

Table 9

1114	1454959_s_at	0.003964	10462.5	8293.07	Gnai1	BQ174580	NM_010305
1115	1417529_at	0.003965	2521.1	1882.4	Rab3a.	NM_011228	NM_011228
1116	1425486_s_at	0.003972	4157.5	3223.63	Wtmr6	BC020019	NM_144843
1117	1428568_at	0.003974	2277.03	1799.13	B230217C12Rik	BB376573	NM_484073
1118	1417438_at	0.00399	1515.2	1226.13	Rdh14	NM_023697	NM_023697
1119	1444550_at	0.003997	95.2	68.7	1300018I05Rik	AI480952	NM_028791
1120	1434778_at	0.004	913.8	654.57	BC037674	AU022230	NM_001004436
1121	1437696_at	0.004002	307.77	204	BC049807	BG071037	NM_001002008
1122	1436833_x_at	0.004003	3195.2	2079.23	Wdr7	BB795506	NM_140391
1123	1435028_at	0.004008	5637.83	4535.8	Meft2a	AV255689	NM_001033713
1124	1427186_a_at	0.004019	2169.13	1631.67	Gsta4	NM_010357	NM_010357
1125	1416368_at	0.00402	1509.97	1039.23	Gsta4	NM_010357	NM_010357
1126	1452477_at	0.004021	104.63	70.83	3110057012Rik	BB628049	NM_026622
1127	1437877_at	0.004022	241.23	128.47	D3Ert8789e	Ttc14	BB711506
1128	1447992_s_at	0.004022	6258.1	4321.33	Pcsk2	AI839700	NM_008792
1129	1416607_at	0.004025	884.63	703.8	4931406C07Rik	AI461712	NM_133732
1130	1417134_at	0.004026	2642.07	2325.3	Stpk2	NM_009274	NM_009274
1131	1437837_x_at	0.004027	3248.63	1957.03	Poldip3	BB377698	NM_178627
1132	1423143_at	0.004032	454.13	337.97	Gcpbp4	AI987834	NM_027000
1133	1437598_at	0.004037	806.07	568.93	BB308952	---	---
1134	1439389_s_at	0.004038	2577.93	1675.2	Myadn	BB500055	NM_016969
1135	1448347_a_at	0.00404	3216.77	2260.93	Gpiap1	BE981338	NM_016739
1136	1428921_at	0.004046	240.73	175.53	2810021B07Rik	AK021189	NM_025479
1137	1454987_a_at	0.004049	346.43	245.9	H2-Xe6	AI323545	NM_013543
1138	1433564_at	0.00405	1236.9	1087.97	Dgkd	BB094429	NM_484893
1139	1438420_at	0.004052	981.63	719.9	Rmpc2	AV019076	NM_133242
1140	1459971_at	0.004053	1152.37	738.6	---	AV133559	---
1141	1424697_at	0.004059	638.47	518.07	Dtwc1	BC020149	NM_026981
1142	1448670_at	0.004074	5924.43	4688.3	Ube2e3	AW120830	NM_009454
1143	1449197_at	0.004077	434.67	305.37	2310040A13Rik	NM_027149	NM_027149
1144	1434692_at	0.00408	623.93	480.27	1110034B05Rik	AW544518	NM_283610
1145	1442139_at	0.004081	407.27	245.63	---	BB077449	---
1146	1443724_at	0.004081	274.27	238.73	Uph3	AI849712	NM_020605
1147	1434011_a_at	0.004083	2307.9	1698.2	1110055N21Rik	AV014698	NM_176843
1148	1428930_at	0.004084	467	342.7	6330540D07Rik	AK012546	NM_356361
1149	1419123_a_at	0.004097	344.63	188.23	Pdgfc	NM_019971	NM_019971
1150	1418066_at	0.004101	1071.57	893.87	Cf12	AI323758	NM_007688
1151	1428192_at	0.004116	666.67	383.6	Kbtdp7	AK003597	NM_001024135
1152	1434972_x_at	0.00412	3470.53	2493.23	Sfrs1	BG071935	NM_173374
1153	1450063_at	0.004131	1820.2	1379.83	Fmn2	BM228488	NM_019445
1154	1436441_at	0.004137	400.47	202.37	---	AV230399	---
1155	1426407_at	0.004138	9558.57	7096.6	Cugbp1	BI412951	NM_017368

Table 9

1156	1428130_at	0.004148	553.23	382.47	lmam1	BG071597	NM_027400
1157	1459843_s_at	0.004149	1179.13	725.2	Smad1	BB257769	NM_008539
1158	1428883_at	0.00417	1487.6	1153.53	Them57	AK003528	NM_025382
1159	1457568_at	0.004183	2126.27	1482.47	C230004L04	BB380198	---
1160	1428434_at	0.004191	1057.57	768.83	Zcchc12	AK012833	NM_028325
1161	1418332_a_at	0.004192	3660.23	2599.63	Agtpbp1	NM_023328	NM_023328
1162	1434285_at	0.0042	906.2	698.53	Frm4a	BB701578	NM_172475
1163	1416841_at	0.004202	816.3	615.53	1110059E24R1k	NM_025423	NM_025423
1164	1454968_at	0.004202	148.47	86.63	1110034A24R1k	AV011961	NM_027269
1165	1437230_at	0.004205	2578.8	2039.47	Kcna1	AV361923	NM_010595
1166	1433909_at	0.004208	799.6	542.07	Bk	AW048713	NM_138649
1167	1452861_at	0.00422	4824.5	4187.9	2010300C02R1k	AK008485	XM_129808
1168	1428377_at	0.004225	665.93	519.4	Btbd11	AK018115	NM_001017525
1169	1429689_at	0.004228	319.47	224.6	4932433N03R1k	AK016544	---
1170	1431432_at	0.004228	189.4	149.5	Cf12	AW986926	NM_007688
1171	1429514_at	0.004239	6855.1	5186.83	Ppap2b	AW111876	NM_080555
1172	1430982_at	0.004241	1034.67	832.4	Sfrs1	BF682801	NM_173374
1173	1428685_at	0.004242	6508.13	5104.33	C030002017R1k	BB313857	NM_172432
1174	1434284_at	0.004244	1548.37	1258.57	Bdpl	BQ031214	XM_127501
1175	1447720_x_at	0.004247	4561.93	3062.13	Prkaca	AV023830	NM_008854
1176	1460545_at	0.004249	1675.33	1324.2	Thrap3	BB531820	NM_146153
1177	1436790_a_at	0.00425	877.87	456.1	Sox11	BG072739	NM_009234
1178	1417202_s_at	0.004255	2586.7	2030.5	Ube1c	NM_011666	NM_011666
1179	1447904_s_at	0.004255	3528.57	2720.43	Fnta	AV313761	NM_008033
1180	1419174_at	0.004264	2286.97	1840.8	241004B18R1k	NM_025555	NM_025555
1181	1452798_s_at	0.004274	825.47	688.7	Mapk1ip1	AK009250	NM_027115
1182	1448253_at	0.004278	4273.27	3517.07	Glud1	NM_008133	NM_008133
1183	1438663_at	0.004281	1008.97	633.7	Bat2d	BF730196	XM_148990
1184	1437382_at	0.004287	2125.03	1558.87	Acvr2a	BG066107	NM_007396
1185	1455665_at	0.004287	1509.57	1278.63	---	BB705689	XM_146279
1186	1452209_at	0.004291	3679.57	2725.5	Pkp4	AV286396	NM_026361
1187	1433968_a_at	0.004302	3650.27	2568.33	---	BQ174710	---
1188	1416453_x_at	0.004305	7584	4683.43	Rps12	NM_011295	NM_011295
/// XM_621083 /// XM_621084							
/// XM_621085 /// XM_621086							
1189	1456599_at	0.004311	1202.83	610.6	Nxt2	BB745947	NM_172782
1190	1452885_at	0.004312	752.5	559.6	Sfrs2ip	AK012092	NM_028148
1191	1449059_a_at	0.004313	8880.7	8109.4	Oxct1	NM_024188	NM_024188
1192	1436907_at	0.004313	1060.83	856.53	Nav1	BE980206	NM_173437
1193	1434286_at	0.004318	437.77	264.2	Trps1	BQ176054	NM_032000
1194	1426315_a_at	0.004326	425.5	329.73	6330416G13R1k	AV326978	NM_144905
1195	1434395_at	0.004332	2844.97	2372.9	Man1a2	AV325150	NM_010763
1196	1419460_at	0.004346	786.6	627.87	Rppl4	BT455861	NM_025938

Table 9

1197	1436247_at	0.004351	547.9	385.57	4632419I22Rik	AW552294	---
1198	1417298_at	0.004357	1040	782.33	Ebp1 BC027422	NM_026598	
1199	1428570_at	0.004368	447.2	383.2	Ccnc AK009615	NM_016746	
1200	1437723_s_at	0.004382	2914.33	1822.7	Der1 BB417749	NM_024207	
1201	1429356_s_at	0.004383	632.9	568.67	Ggpsi AW538065	NM_010282	
1202	1416765_s_at	0.004384	2778.5	2130.37	MGI:1913699	NM_025571	NM_025571
1203	1429749_at	0.004407	945.07	712.5	9330180L21Rik	AK020390	NM_175254
1204	1448021_at	0.004419	292.8	102.73	---	AA266723	---
1205	1423155_at	0.004426	816.4	655.53	Sri AK008404	NM_025618	
1206	1440849_at	0.004426	6338.2	5197.03	6330417G04Rik	AV327187	---
1207	1424415_s_at	0.004427	157.2	111.37	Spon1 BC020531	NM_145584	
1208	1451466_at	0.004427	514.97	393.57	D16Ert472e BC019957	NM_025967	
1209	1419164_at	0.004428	1279.33	1128	Zfp260 D45210	NM_011981	
1210	1434603_at	0.004429	2632.47	1998.93	Thrap2 BG074645	NM_172424	
1211	1448557_at	0.004442	2164.6	1589.57	1200015N20Rik	NM_024244	NM_024244
1212	1428845_at	0.004445	2942.9	2337.6	Bclaf1 B1965039	NM_001025392	/// NM_001025393 ///
NM_001025394 ///							
1213	1418369_at	0.004451	385.1	272.97	Primi J04620	NM_008921	
1214	1433969_at	0.004451	617.5	349.03	AU067824	AU067824	---
1215	1416904_at	0.004452	4161.4	3464	Mbn1 NM_020007	NM_020007	
1216	1455724_at	0.004454	313.2	195.4	---	BM230193	---
1217	1429463_at	0.004465	2199.5	1854.3	Prkaa2	BB612385	NM_178143
1218	1454878_at	0.004465	1822.23	1374.57	2310047C04Rik	BM936291	NM_148605 /// XM_358866
1219	1429519_at	0.004468	946.1	620.03	Fpct BB303906	KM_131241	
1220	1437351_at	0.004469	1121.33	838.6	Cxxc4 BM114956	NM_001004367	
1221	1427949_at	0.004476	1261	976.73	Zfp294	BM231649	KM_128374 /// XM_489597
1222	1430516_at	0.004479	766.2	645.1	4930428B01Rik	BB167877	---
1223	1457984_at	0.004485	1339.47	853.3	Crh BM933756	NM_205769	
1224	1460211_a_at	0.004486	1210.77	710.67	Kcelr1	NM_133950	NM_133950
1225	1448149_at	0.004488	1694.3	1291.5	Cttna1	NM_009818	NM_009818
1226	1436405_at	0.004492	2278.37	1275.73	Dock4 BG068753	NM_172803	
1227	1455058_at	0.0045	1445.9	1141.2	Mctm9 BM118290	NM_177594	
1228	1416109_at	0.004505	1283.07	1168.33	Fucal NM_024243	NM_024243	
1229	1424243_at	0.004507	1313	765.57	Rwd4a AK005797	NM_203507	
1230	1455729_at	0.004507	3800.53	2947	Gnaq AV154513	NM_008139	
1231	1453381_at	0.004513	416.57	338.7	C030033M12Rik	BB771017	---
1232	1455769_at	0.004518	210.67	115.77	---	AV221520	---
1233	1454983_at	0.004527	730.6	607.87	AT465301	BG094392	---
1234	1452828_at	0.004529	1675.13	1490.4	Fpxo21	BG076338	NM_145564
1235	1457656_s_at	0.004534	170.93	143.13	C230085N15Rik	BB235011	---
1236	1438096_a_at	0.004548	961.4	753.43	Dtymk AV306250	NM_023136	
1237	1450938_at	0.00456	1029.43	782.47	Pnn AV135835	NM_008891	

Table 9

1238	1456786_at	0.004561	505.17	367.9	Ldb2	BB097063	NM_010698		
1239	1434958_at	0.004564	1559.7	1220.73	Sacs	BG075163	NM_015788		
1240	1428741_at	0.004566	2272.47	2023.5	Elavl4	AK013588	NM_010488		
1241	1455854_a_at	0.004567	619.5	451.87	Ssh1	BB053082	NM_198109		
1242	1429716_at	0.004568	167.23	110.67	Zcchc4	BB821121	NM_132052		
1243	1437644_at	0.004569	107.9	59.6	BB083643	NM_020025			
1244	1446149_at	0.004576	70.9	33.2	PP3cb	BG076035	NM_008914		
1245	1429004_at	0.004587	1560.27	1098.2	Phip	AK012667	NM_358384		
1246	1455875_x_at	0.004592	7771.57	5086.83	Tm9sf2	BB131843	NM_080556		
1247	1460595_at	0.004598	539.57	380.33	---	BB364454	---		
1248	1429723_at	0.0046	2625.3	2254.6	6330409N04Rik	AK018153	NM_025697		
1249	1434105_at	0.00461	1432.7	1232.23	Epm2aip1	AV340515	NM_175266		
1250	1423357_at	0.004611	305.93	217.07	2610209A20Rik	AK013127	NM_026010		
1251	1441989_at	0.004611	325.43	228.6	Bnip2	AI481767	NM_001008238	///	NM_016787
1252	1419976_s_at	0.004636	251.17	196.6	Nfatc3	C79787	NM_010901		
1253	1439026_at	0.004644	525.57	387.3	Tfpm3	BB125842	NM_177341		
1254	1434454_at	0.004645	1121.23	886.37	D16Wsu65e	BB795229	---		
1255	1429372_at	0.004647	251.13	151.4	Sox11	BM508495	NM_009234		
1256	1458802_at	0.004648	1770.33	1280.2	Hivep3	BB164127	NM_010657		
1257	1436735_at	0.004654	451.1	326.6	Neun3	BB769111	NM_178925		
1258	1416267_at	0.004661	3338.7	2002	Scoc	NM_019708	NM_019708		
1259	1452341_at	0.004679	1463.07	1322.83	Echm1	BI111416	NM_053119		
1260	1452218_at	0.004691	237.43	134.4	BC018601	AV108872	NM_134033		
1261	1429058_at	0.004693	1379.23	1022.27	1110004B13Rik	AK003403	NM_025838	///	NM_028336
1262	1451587_a_at	0.004696	1547	1282.47	Tlpr1	BC002098	NM_145513		
1263	1427982_s_at	0.004714	285.97	201.33	Syme2	BF582734	NM_619002		
1264	1420947_at	0.004734	564.03	393.97	Atrx	BB825830	NM_009530		
1265	1423102_a_at	0.004734	2515.2	2155.5	Rnf10	AI746548	NM_016698		
1266	1424094_at	0.004737	986.33	721.87	Nek9	BC024926	NM_145138		
1267	1423870_at	0.004746	1112.63	905.73	2610208M17Rik	BI104583	NM_145626	///	NM_181732
1268	1436117_at	0.004749	4855.97	4239.87	A830010M20Rik	AV327791	NM_620237		
1269	1416126_at	0.004754	261.7	149.13	Rpo1-2	NM_009086	NM_009086		
1270	1421955_a_at	0.004759	4511.37	3481.97	Ned4	NM_010890	NM_010890		
1271	1436752_at	0.004759	291.8	207.03	5730478M09Rik	BM229530	NM_148441	///	NM_358792
1272	1434996_at	0.004761	1340.5	823.67	Slc25a16	AV316233	NM_175194		
1273	1429003_at	0.004762	1209.6	834.23	Skilp	C79000	NM_025507		
1274	1452047_at	0.004762	2997.37	2366.93	Cacypb	AK013924	NM_009786		
1275	1454966_at	0.004768	193.5	120.13	Itga8	BQ175493	NM_00101309		
1276	1439825_at	0.004782	99.03	47.5	Dtx31	BB705351	NM_001013371		
1277	1429064_at	0.004792	3102.2	2802	2900024P20Rik	AK013596	NM_484214		
1278	1422809_at	0.0048	2161.5	1442.8	Rims2	NM_053271	NM_053271		
1279	1452765_at	0.004811	918.23	661.4	Slc39a9	AK012120	NM_484158		

Table 9

1280	1451063_at	0.004813	541.43	353.5	Stxbp4	BB771462	NM_011505	
1281	1434174_at	0.004818	530.07	380.13	Lysmd3	BG069475	NM_030257	
1282	1429625_at	0.004824	5348.1	4740.03	2900054C0IRik	BM202541	---	
1283	1429194_at	0.004825	496.77	329.07	Tigd2	BB373351	XM_144820	
1284	1433759_at	0.004829	2765.17	2302.93	Dpy191	BB949451	NM_172920	
1285	1433928_a_at	0.00483	2132.53	1531.27	Rpl13a	BF146301	NM_009438	
1286	1454724_x_at	0.004838	2739.7	2176.73	5730446C15Rik	AV173092	NM_146096	
1287	1456833_at	0.004839	1133.47	775.13	Gpr17	BB353220	NM_001025381	
1288	1435014_at	0.004842	1371.23	1012.77	Rab39b	AV162168	NM_175122	
1289	1455196_s_at	0.004849	391	304.9	AA987161	AA987127	XM_354761	
1290	1455762_at	0.004849	2454.97	2131.77	G330002119Rik	BB430142	XM_126866	
1291	1426999_at	0.004857	2430.3	1943	2700069A02Rik	BM198642	NM_001008506	/// NM_029334
1292	1449679_s_at	0.004861	1755.73	1415.47	Stx5a	AV014962	NM_019829	
1293	1422683_at	0.004862	262.93	163	Irak1bp1	NM_022986	NM_022986	
1294	1440015_at	0.004865	1331.73	1048	---	BB528896	---	
1295	1452364_at	0.004867	606.47	473.87	Suz12	BG066534	NM_199196	
1296	1449176_a_at	0.004868	634.4	461.67	Dck	NM_007832	NM_007832	
1297	1442745_x_at	0.004874	647.8	454.27	C79248	C79248	---	
1298	1448526_at	0.004875	3007.57	2470.97	Kpnb1	NM_008379	NM_008379	
1299	1437907_a_at	0.004876	2308.1	1610.4	Tbca	BB559082	NM_009321	
1300	1457760_at	0.004876	156.6	131.57	A930004U17Rik	BB243507	---	
1301	1422669_at	0.004881	1221.17	961.53	Ebag9	AY009091	NM_019480	
1302	1420821_at	0.004884	617.4	293.33	Sgpp1	NM_030750	NM_030750	
1303	1452973_at	0.004886	2836.27	2275.4	Ppm1k	AK013741	NM_175523	
1304	1432158_a_at	0.004887	3968.27	3096.2	Trappc2	AK007951	NM_025432	
1305	1457979_at	0.004892	2095.37	1559.83	---	BM938335	---	
1306	1438300_at	0.004896	100.77	69.37	42151116Rik	BB371618	NM_172407	
1307	1437360_at	0.004905	1313.2	936.43	Pcchl19	BB053591	XM_205287	
1308	1439290_at	0.004905	126.53	66.8	Fxr1h	BM213145	NM_008053	
1309	1433440_x_at	0.004906	2998.67	2184.43	Ubl1b	BB791850	NM_016682	
1310	1456607_at	0.004917	1286.23	991.97	Vcp1p1	AV320529	NM_173443	
1311	1416452_at	0.004921	2555.5	2094.97	Oat	BC008119	NM_016978	
1312	1444611_at	0.004923	206.9	130.1	---	BE630073	---	
1313	1419356_at	0.004927	688.13	573.1	Klf7	BB524597	NM_033563	
1314	1423149_at	0.004927	6009.9	5082.3	Skp1a	AV347477	NM_011543	
1315	1433794_at	0.004932	2747.1	2135.7	Ala4	BM211942	NM_198033	
1316	1456103_at	0.004936	189.63	109.17	Pml	BB667149	NM_008884	/// NM_178087
1317	1449084_s_at	0.004971	512.77	305.03	Sh3d19	NM_012059	NM_012059	
1318	1454060_a_at	0.004981	1065.67	791.23	Nras	AK010412	NM_010937	
1319	1426903_at	0.00499	1538.63	1270.63	Fndc3	BC022140	NM_207636	
1320	1455961_at	0.004999	262.23	152.53	Mme	AV174022	NM_008604	
1321	1438456_at	0.004999	165.27	113.53	H13	BB327773	NM_010376	

Table 9

1322	1439971_at	0.004999	2558.8	1646.53	6330439K17Rik	AV328193	---
1323	1418023_at	0.005006	696	559.4	Narg1 BG067031	NM_053089	
1324	1446111_at	0.005009	747.4	621.5	Ctsp2 NM_018737	NM_018737	
1325	1417155_at	0.00501	680.87	510.3	Mycn BC005453	NM_008709	
1326	1458385_at	0.005021	913.13	636.07	Hspa41	AI461691	NM_011020
1327	1425487_at	0.005033	316.23	252.07	D11Ert4730e	BC025870	NM_148673 /// NM_198936
1328	1455886_at	0.005037	927.73	750.77	Cbl	BB385581	NM_007619
1329	1427407_s_at	0.00505	772.37	528.87	Trtp1	AV013785	NM_127084
1330	1434120_a_at	0.005052	3258.23	2508.1	Metap2	AW742814	NM_019648
1331	1452953_at	0.005058	1594.8	1083.57	1810036T24Rik	AK017572	NM_026210
1332	1455805_x_at	0.00506	460.33	412.63	Ccdc22	BB165451	NM_138603
1333	1439899_at	0.005068	716.57	483.67	Galnt13	BE995677	NM_173030
1334	1458386_at	0.00507	468.4	255.33	C030009022Rik	BB283503	---
1335	1435247_at	0.005079	1096.7	750.47	Ube1dc1	BI438002	NM_025692
1336	1428333_at	0.005082	3209.17	2315.47	6530401D17Rik	AK013740	NM_029541 /// NM_029823
1337	1424431_at	0.005083	566	358.9	MGI:1926002	BC023112	NM_030165
1338	1426382_at	0.005092	1960.33	1672.2	Ppm1b	AD271833	NM_011151
1339	1434768_at	0.005097	875.3	638.07	Tppl	AI266910	NM_009906
1340	1434503_s_at	0.005112	1478.03	957.77	Lamp2	BB490768	NM_001017959 /// NM_010685
1341	1456087_at	0.005112	1700.5	1369.63	Nfia	BB089547	NM_010905
1342	1418968_at	0.005124	2147.9	1823.63	Rplc1	BE570980	NM_009826
1343	1440891_at	0.005129	1148.33	879.7	Gria4	AV336506	NM_019691
1344	1454984_at	0.005142	1784	1114.87	AM061234	AV246615	---
1345	1452366_at	0.005143	1180.4	916.53	4732435N03Rik	AV371987	NM_172753
1346	1434288_at	0.005143	417.23	298.8	Biym	BI697337	NM_144558
1347	1434354_at	0.005145	607.2	449.23	Maob	BB549292	NM_172778
1348	1418188_a_at	0.005148	4373.93	2933.83	Malat1	AF146523	---
1349	1419879_s_at	0.005164	129.17	51.63	Trim25	AA960166	NM_009546
1350	1454673_at	0.005169	688.7	555.6	Wasf2	BM207372	NM_153423
1351	1417082_at	0.005171	1382.2	1071.13	App32b	NM_130889	NM_130889
1352	1428011_a_at	0.005173	1206.67	852.33	Erbb2ip	BC028256	NM_001005868 /// NM_021563
1353	1434566_a_at	0.005183	317.23	218.03	4732496008Rik	BE952228	NM_172877
1354	1423672_at	0.005191	897.93	590.5	2510042P03Rik	BC026507	NM_485010
1355	1419400_at	0.005197	247.6	160.63	Mtcfp	AW553649	NM_008642
1356	1424410_at	0.0052	928.67	752.13	Ttc8	BC017523	NM_029553 /// NM_198311
1357	1426491_at	0.005203	2106.8	1686.17	Herc2	AW701798	NM_010418
1358	1428260_at	0.005206	6003.53	4874.17	Sp3a	BE948928	NM_178628
1359	1422868_s_at	0.005215	622.17	452.03	Gda	NM_010266	NM_010266
1360	1416186_at	0.005223	986	632.77	Pnrc2	NM_026383	NM_026383
1361	1425966_x_at	0.005225	3792.8	1261.97	Ubc	D50527	NM_019639
1362	1435879_at	0.005225	2245.63	2040.8	Akt3	BB521695	NM_011785
1363	1460335_at	0.005232	559.63	407.03	Lynd3	BB667084	NM_030257

Table 9

1364	1437782_at	0.005235	483.87	305.93	Cttnap2	BE651445	NM_001004357	///	NM_025771
1365	1451411_at	0.005249	1504.87	1197.87	Gprc5b	BC020004	NM_022420		
1366	1455978_a_at	0.005251	510	165.43	Matn2	BB338441	NM_016762		
1367	1424136_a_at	0.005267	413.83	307.6	Pp1h	LOC433064	LOC434090	BC016565	NM_028677 ///
XM_484589 /// XM_485828									
1368	1447500_at	0.005276	1751.47	1166.87	---	BB129488	---		
1369	1452713_a_at	0.005277	650.93	444.7	Wdr57	AK002371	NM_025645		
1370	1428468_at	0.005279	855.8	706.37	3110043021Rik	AK014175	XM_283954		
1371	1423230_at	0.005285	183.53	142.2	Imp5e	BM217803	NM_033134		
1372	1434664_at	0.005286	1917.37	1488.43	2410129H14Rik	BI153133	NM_175245		
1373	1455072_at	0.005288	1287.9	926.43	4933409106Rik	BQ032733	XM_129509		
1374	1460359_at	0.005288	3150.1	2380.57	LOC434247	AK004598	XM_486012		
1375	1423444_at	0.00529	867.87	625.17	Rock1	BI662863	NM_009071		
1376	1434935_at	0.005294	1152.37	957.2	Aak1	BG067888	NM_177762		
1377	1435705_at	0.005299	494.4	393.63	LOC232875	BB305660	XM_133185		
1378	1436015_s_at	0.005315	2033.13	1352.93	Stk4	BB141897	NM_021420		
1379	1420196_s_at	0.005318	2720.9	2120.6	Tbcl1d14	C77429	NM_133910		
1380	1456054_a_at	0.005327	2481.33	1706.23	Puml	BB314559	NM_030722		
1381	1460004_x_at	0.005333	3303.77	2258.63	Stx6	BB492711	NM_021433		
1382	1455849_at	0.005339	254.8	160.77	Nav1	BE980206	NM_173437		
1383	1425814_a_at	0.005348	135.1	84.63	Calcr1	AF209905	NM_018782		
1384	1424683_at	0.005356	2713	1967.27	1810015C04Rik	BC019494	NM_001034851	///	NM_025459
1385	1448212_at	0.005362	846.93	590.63	Tnfrsf1p1	NM_134138	NM_134138		
1386	1456573_x_at	0.005366	725.2	348.43	Nnt	BB205930	NM_008710		
1387	1428624_at	0.005394	629.73	448.17	2810482107Rik	AK013434	---		
1388	1419925_s_at	0.005408	1521.73	1213.3	---	AV259382	---		
1389	1445574_at	0.005408	519.77	378.5	---	BG067678	---		
1390	1431232_a_at	0.005428	647.93	463.7	Mga	AK009477	NM_013720		
1391	1455603_at	0.00543	4845.87	3060.93	---	BB357557	---		
1392	1433668_at	0.005431	3025.77	2105.53	Pnrc1	BI410130	XM_131355		
1393	1424114_s_at	0.005432	245.73	144.07	Lamb1-1	BG970109	NM_008482		
1394	1448405_a_at	0.005432	9700.77	7086.83	Crl1	BC010712	NM_025613		
1395	1435923_at	0.005433	1507.57	1099.17	Gm237	BB667109	NM_001005419		
1396	1450706_a_at	0.005463	4669.73	3529.9	Arl3	NM_019718	NM_019718		
1397	1438310_at	0.005467	2240	1822.93	---	BB353853	---		
1398	1424071_s_at	0.005469	1334.2	998.1	BC018507	BC018507	XM_358313		
1399	1435991_at	0.005472	500.83	367.37	Nr3c2	BQ174990	XM_356093		
1400	1422569_at	0.005477	1868.73	1685.33	Yl1	BI665246	NM_009537		
1401	1449158_at	0.005481	1591.93	1168.1	Kcnk2	NM_010607	NM_010607		
1402	1441305_at	0.005489	1632.23	1012.47	Nedd41	BB360028	NM_031881		
1403	1438619_x_at	0.00549	2103.97	1756.33	Zdhc14	BB318221	NM_146073		



35 of 49

Table 9

1445	1436597_at	0.005785	718.97	560.67	Ankhd1	BM243710	---
1446	1417938_at	0.005817	80.63	39.47	Rad51ap1	BC003738	NM_009013
1447	1434819_at	0.005818	1468	841.97	Stgga12	BB709312	NM_172829
1448	1434376_at	0.00582	214	133.53	Cd44	AW146109	NM_009851
1449	1448005_at	0.005825	2025.3	1426.93	Sash1	BI658899	NM_175155
1450	1439255_s_at	0.005829	713.97	574.03	Tm7sf1	BB726971	NM_031999
1451	1457273_at	0.005831	3935.87	3144.8	Odz2	BM899576	NM_011856
1452	1419100_at	0.005832	969.2	697.13	Serpina3n	NM_009252	NM_009252
1453	1438024_at	0.005832	1598.57	1120.67	6230416A05Rik	AW554392	XM_127325
1454	1450629_at	0.005837	293	184.9	D15Brt366e	AV114522	NM_023063
1455	1417770_s_at	0.00584	2454.13	1472.9	---	AW208944	---
1456	1449465_at	0.00584	4119.13	3532.57	Reln	NM_011261	NM_011261
1457	1434313_at	0.005842	509.67	265.27	6330407D12Rik	BB762434	NM_175098
1458	1429899_at	0.005857	148.27	75.33	5730414N17Rik	BB039237	---
1459	1439387_x_at	0.005866	897.17	621.43	2310061F22Rik	BB253397	XM_134537
1460	1454826_at	0.005884	2312.97	1671.5	Zbtb11	BM195115	---
1461	1449068_at	0.005891	2153.77	1614.67	Zfp148	X98096	NM_011749
1462	1438069_a_at	0.005894	453.17	339.97	Rbm5	BE446879	NM_148930
1463	1416082_at	0.005896	12465.23	10859.87	Rab1	AW108405	NM_008996
1464	1429585_s_at	0.005896	252.13	199	Myrm	BF682874	NM_030557
1465	1418854_at	0.005899	1056.27	866.4	Birc2	NM_007465	NM_007465
1466	1433906_at	0.005899	1819.07	1130.63	4933402J24Rik	BE956483	NM_028940
1467	1455242_at	0.00591	3811.17	3299.4	Foxp1	BM220880	NM_053202
1468	1416488_at	0.005917	1411	913.33	Ccng2	U95826	NM_007635
1469	1453289_at	0.005923	330.07	203.87	Elf2c4	AI481660	NM_153177
1470	1425508_s_at	0.005929	774.17	647.8	Arfip1	BG695431	NM_029702
1471	1448167_at	0.005933	411.1	258.3	Ifngy1	NM_010511	NM_010511
1472	1456464_x_at	0.005944	5261.93	3449.87	Syt11	BB129990	NM_018804
1473	1429441_at	0.005954	164.47	121.07	Fdxo30	AK006369	NM_027968
1474	1448208_at	0.005957	1037.57	771.37	Smad1	NM_008539	NM_008539
1475	1442381_at	0.005966	87.7	57.17	Mkln1	BG068971	NM_013791
1476	1436135_at	0.005968	642.13	463.8	Nlgn3	AV345687	NM_172932
1477	1449429_at	0.005987	1389.07	1163.9	Fkbp1b	NM_016863	NM_016863
1478	1435196_at	0.005989	2198.03	1814.33	Ntrk2	BB795585	NM_001025074
1479	1416430_at	0.00599	1165.77	876.4	Cat	NM_009804	NM_009804
1480	1458134_at	0.005991	222.6	148.97	---	BB265744	---
1481	1430137_at	0.006003	181.73	134.23	Map3k13	AK004850	XM_484537
1482	1438606_a_at	0.006016	1557.47	1214.3	Clic4	BB814844	NM_013885
1483	1433985_at	0.006019	6027.67	5378.37	Abi2	AV263684	NM_198127
1484	1428433_at	0.006022	2401.1	1625.27	Hipk2	AK003718	NM_010433
1485	1424033_at	0.006023	2167.73	1844.83	Sfrs7	BC014857	NM_146083
1486	1418024_at	0.006024	873.9	564.5	Narg1	BG067031	NM_053089

Table 9

1487	1434831_a.at	0.006027	592.9	492.27	Foxo3a	BB364488	NM_019740
1488	1455785_at	0.00604	3887.13	3192.07	Kcna1	BQ175978	NM_010595
1489	1438629_x.at	0.006042	1792.53	1381.43	Gtn	AV166504	NM_008175
1490	1439990_at	0.006057	1091.9	749.37	---	BB460243	---
1491	1435179_at	0.006063	1919.2	1421.47	C130071C03R1k	AV252614	NM_177100
1492	1434721_at	0.006066	967.97	769.9	D5Ertcd585e	AV378849	NM_027922
1493	1439862_at	0.006074	1769.7	1072.47	---	BB367351	NM_488870
1494	1460005_at	0.006083	405.7	282.7	AF013969	BB542960	NM_287445
1495	1442143_at	0.006102	359	306.67	Tmem16d	AI463477	NM_178773
1496	1428355_at	0.006105	1594.57	1379.53	Osbp2	AI326285	NM_152818
1497	1429431_at	0.00611	1016.97	775.43	Zfpnlas	AK009564	NM_175115
1498	1433752_s.at	0.006112	1569.9	1134.93	D030016E14R1k	BG076254	NM_177240
1499	1455244_at	0.006114	1608.93	1296.37	Dami1	BB794633	NM_026102
1500	1448499_a.at	0.006118	293.57	229.6	Ephx2	NM_007940	NM_007940
1501	1434569_at	0.00612	1047.4	820.1	AA474455	BB428484	NM_132031
1502	1455368_at	0.006129	508.9	396.93	Zdhc3	AV076190	NM_026917
1503	1426753_at	0.006164	439.87	328.7	Phf17	BG065238	NM_172303
1504	1449140_at	0.006164	401.77	314.07	Nudec2	BC005646	NM_026023
1505	1435241_at	0.006178	276.27	216.9	D930036F22R1k	AV285222	NM_177171
1506	1427990_at	0.00618	1805.8	1103.27	Usp45	BM249286	NM_152825
1507	1420003_at	0.006182	120.57	53.43	Ngsm5	C80273	NM_145414
1508	1456088_at	0.006195	1031.43	852.7	Birc4	BF134200	NM_009688
1509	1434173_s.at	0.006195	1494.47	1249.07	D19Bwg1357e	AW324123	NM_177474
1510	1459366_at	0.006207	177.87	116	Rgmb	AV235481	NM_178615
1511	1435404_at	0.006211	3255.43	2440.03	Disp2	BB023743	NM_170593
1512	1439438_a.at	0.006223	2095.8	1500.63	1110005A23R1k	AV084012	NM_025364
1513	1434882_at	0.006233	432.33	328.1	Mcdh	AV083741	NM_026002
1514	1424949_at	0.00624	938.43	667.23	Urebl	BM248615	NM_021523
1515	1436915_x.at	0.006254	3503.83	1942.87	Laptm4b	AU024771	NM_033521
1516	1434602_at	0.006259	615.5	433.8	Thrap2	BG074645	NM_172424
1517	1455534_s.at	0.006267	692.73	558	Osbp111	BM220135	NM_176840
1518	1428749_at	0.006293	5578.27	4566.87	Dmx12	AK018275	NM_358382
1519	1436313_at	0.0063	277.97	176.83	Scyl12	BM249802	NM_198021
1520	1455026_at	0.006317	758.2	653.77	Sbnol	BE947961	NM_355637
1521	1433675_at	0.006328	425.53	337.47	Rnu22	BQ177137	---
1522	1426477_at	0.00633	987.07	753.33	Rasal	AA124924	NM_145452
1523	1416187_s.at	0.006332	1122.73	689.37	Pnrc2	NM_026383	NM_026383
1524	1456485_at	0.006335	587.17	427.93	Npat	BM207451	NM_146900
1525	1436028_at	0.006342	2637.67	2281.87	Tmem33	BB795429	NM_028975
1526	1416692_at	0.006344	1074.6	865.77	Coil	NM_016706	NM_016706
1527	1433903_at	0.006354	697.2	434.63	AU021838	BM227771	---
1528	1416610_a.at	0.00636	3361.57	2890.8	C1cn3	NM_007711	NM_007711

Table 9

1529	1424420_at	0.006374	744.13	574.87	CcpG1	BC006717	NM_028181	
1530	1434480_at	0.006375	517.1	396.77		BB67201	NM_198308	
1531	1434061_at	0.006376	489.73	328.2	Rp2h	BB431808	NM_133669	
1532	1424922_a_at	0.006384	865.03	717.73	Brd4	BC008532	NM_020508	/// NM_198094
1533	1426827_at	0.006388	1496.6	1052.47	A730098D12Rik	AV025877	---	
1534	1417791_a_at	0.006398	1404.87	1301.87	Zfml	BM238431	NM_008717	
1535	1460401_at	0.0064	1534.63	1162.1	2310050N11Rik	BC022925	NM_193956	
1536	1416185_a_at	0.006401	2458.37	1974.27	Adh5	NM_007410	NM_007410	
1537	1460455_at	0.006401	3323.53	2390.4	1110059H15Rik	BB667784	NM_485005	
1538	1438510_a_at	0.006406	4396.67	3189.87	Hars	BB451746	NM_008214	
1539	1424501_at	0.006412	1029.2	775.43	4732497003Rik	BC025074	NM_144826	
1540	1441391_at	0.006419	154.5	53.6	Gnb11	BB069873	NM_023120	
1541	1436546_at	0.006423	491.17	417.27	6330549D23Rik	BM502719	NM_175469	
1542	1422835_at	0.006428	3983.87	2230.17	Kcnd2	BB051684	NM_019697	
1543	1460168_at	0.006441	1398.83	988.9	S1bp	NM_009193	NM_009193	
1544	1444007_at	0.006456	378.8	226.73	A830082K12Rik	BB380706	---	
1545	1438794_x_at	0.006458	5881.67	3815.57	Rps13	AT642440	NM_026533	
1546	1439779_at	0.006462	2398.73	1851.93	---	BB356939	---	
1547	1418627_at	0.006464	977.97	758.5	Gclm	NM_008129	NM_008129	
1548	1419067_a_at	0.006464	1171.57	945.3	Rabgefl	BB280137	NM_019983	
1549	1448515_at	0.006483	1270.97	985.33	Tsn	BB818311	NM_011650	
1550	1452731_x_at	0.006505	3345.53	2331.53	LOC544986		BM195235	NM_001024713 ///
NM_001029930 /// NM_025940 /// XM_619175 /// XM_619180 /// XM_619188 /// XM_619189 /// XM_619191 /// XM_619194 ///								
XM_619197 /// XM_619206								
1551	1455187_at	0.006505	213.57	125.17	Zbtb40	BM231844	NM_198248	
1552	1440169_x_at	0.006511	145.93	109.83	Ifnar2	BB522265	NM_010509	
1553	1433781_a_at	0.006521	2448.1	1655.73	Cldn12	AW554231	NM_022890	
1554	1437310_at	0.006524	697.2	484.87	Bbs1	BB121315	NM_355129	
1555	1446512_at	0.006539	103.07	58.53	2610312B22Rik	BB439838	NM_026934	
1556	1435227_at	0.00654	1481.8	978.23	---	BM117007	---	
1557	1438945_x_at	0.006543	4858.67	3129.57	Gjal	BB142324	NM_010288	
1558	1424443_at	0.006559	704.73	496.67	Tm6sf1	AV378394	NM_145375	
1559	1437124_at	0.006559	353.17	229.17	A630052C17Rik	AV338185	NM_177255	
1560	1426469_a_at	0.006567	552.8	433.37	Tbp	BB069472	NM_013684	
1561	1439106_at	0.006568	696.73	609.13	Zfp462	AV320128	NM_172867	
1562	1438415_s_at	0.00657	476.33	326.23	Yipf2	AV166218	NM_138303	
1563	1455700_at	0.006574	710.03	520.73	Mterf3	BB359043	NM_028832	
1564	1437467_at	0.006575	2948.03	2083.27	Alcam	AV315205	NM_009655	
1565	1455409_at	0.006581	2004.5	1750.53	Spire1	BM234794	NM_176832	/// NM_194355
1566	1418915_at	0.006584	507.3	339.7	1810037K07Rik	NM_025962	NM_025962	
1567	1426683_at	0.006586	801.97	627.13	Chot6	BM940481	NM_212484	
1568	1429976_at	0.006587	159.33	95.77	Clasp2	AK005146	NM_029633	

Table 9

1569	1450493_at	0.006591	169.73	138.73	Gpr54	BC016531	NM_053244	
1570	1435590_at	0.006595	789.47	510.93	D430047L21Rik	AV325177	---	
1571	1455312_at	0.006597	1181.7	882.33	Phc3	BM241699	NM_153421	
1572	1426380_at	0.006598	3756.2	2841.3	Rif4b	AW741459	NM_145625	
1573	1452385_at	0.006598	422.1	262.83	Usp53	BG076275	NM_133857	
1574	1448388_a_at	0.006600	1633.47	1300.33		1110002B05Rik	NM_134054	NM_134054
1575	1428417_at	0.006607	2408.5	1590.07		3110050N22Rik	BE198251	NM_173181
1576	1435668_at	0.006607	838.03	613.03	---	AW049283	---	
1577	1435769_at	0.006616	1112.83	875.97	Akap9	AV228342	NM_194462	
1578	1437920_at	0.006618	1176.23	935.37	Ephas	AI854630	NM_007937	
1579	1460567_at	0.006629	972.7	691.5	Rfxdc2	BI148972	---	
1580	1426894_s_at	0.006642	1611.47	1446.33		C230093N12Rik	BC023470	NM_153560
1581	1449616_s_at	0.006648	693.53	528.43	Golga3		AW490576	NM_008146
1582	1418157_at	0.006649	4899.87	3500.83	Nr2f1	NM_010151	NM_010151	
1583	1433872_at	0.006651	468.93	336.57		2410042D21Rik	BI143137	NM_024254
1584	1429984_at	0.006664	194.8	124.67		5730455O13Rik	AK017666	NM_129261
1585	1433534_a_at	0.006667	2580.63	1623.57		Cc22	AV172084	NM_007636
1586	1427157_at	0.006676	749.6	403.53		E030025D05Rik	AM060797	NM_181577
1587	1455695_at	0.006684	1282.63	724.2	St8sial	BI736113	NM_011374	
1588	1448425_at	0.006696	4254.7	3329.27	Elf3s10	AW701127	NM_010123	
1589	1460597_at	0.0067	336.4	232.03	Asx12	AV312178	NM_172421	
1590	1447776_x_at	0.006703	9654.5	7703.33		Rab6	AV334024	NM_024287
1591	1438288_at	0.006714	1436.43	825.97	Mnab	BB527789	NM_130233	
1592	1426900_at	0.006717	2418.73	1594.7	Jmjd1c	AV293164	NM_354543	
1593	1434746_at	0.006718	468.7	305.33	Mga	BG797579	NM_013720	
1594	1430154_at	0.006729	1131.13	999.7		4930543C13Rik	AI666321	---
1595	1448611_at	0.006743	698.8	580.57		D8Ert6594e	NM_133791	NM_133791
1596	1455538_at	0.006744	5198.37	4004.33		6330403M23Rik	BM200963	---
1597	1436326_at	0.006771	1900.4	1192.07	Rora	BB306272	NM_013646	
1598	1435170_at	0.006783	1904.03	1181.93		2310007F12Rik	BQ177187	NM_175146
1599	1417140_a_at	0.006797	687.03	476.07		Pcpn2	NM_008977	NM_008977
1600	1454136_a_at	0.006797	980.07	611.47		4921524J17Rik	AK013123	NM_025722
1601	1444465_at	0.00682	70.9	22.4	Ube4b	BI160318	NM_022022	
1602	1456475_s_at	0.006823	2169.47	1879.4	Pckar2b		BB216074	NM_011158
1603	1426748_s_at	0.006826	143.2	111.47	Adcf3	AI552141	NM_013852	
1604	1428724_at	0.00683	411.53	353.27	Pcf11	BB283573	NM_029078	
1605	1416426_at	0.006838	5899.13	5105.97	Rab5a	NM_025887	NM_025887	
1606	1428731_at	0.006839	852.83	663.63	Usp54	AK019588	NM_030180	
1607	1456898_at	0.006841	1249.87	689.67	Pura	AI426862	NM_008989	
1608	1460736_at	0.006842	641.07	457.03	AF013969	BM247617	NM_287445	
1609	1433486_at	0.006846	3341.13	3049.3	C1cn3	BI739053	NM_007711	/// NM_173876
1610	1432813_at	0.006847	968.7	510		2900064F13Rik	AK013749	---

Table 9

1611	1435060_at	0.006854	3818.93	2783.5	Tmod2	BB667124	NM_016711
1612	1437219_at	0.006854	311.8	283.2	Igf1r	AW553541	NM_010513
1613	1426461_at	0.006859	735.83	625.3	Ugp2	AI788759	NM_139297
1614	1417321_at	0.006863	1078.27	869.3	D4WSU132e	NM_138590	NM_138590
1615	1425334_at	0.006869	187.87	135.33	Gorasp1	AV094567	NM_028976
1616	1427020_at	0.00687	887.4	605.57	Scara3	BC026446	NM_172604
1617	1448288_at	0.006889	883.1	645.77	Nfib	BB832504	NM_008687
1618	1425898_x_at	0.006895	1069.47	842.83	Olfm3	AF442824	NM_153157 /// NM_153458
1619	1419406_a_at	0.006897	3078.1	2125.13	Bcl11a	NM_016707	NM_016707
1620	1438073_at	0.006898	148.03	105.5	AW047633	---	---
1621	1415772_at	0.006906	420.13	237.73	NC1	BF118393	NM_010880
1622	1449749_s_at	0.006907	292.57	159.3	Tfblm	AI429207	NM_146074
1623	1418640_at	0.006915	508.77	302	Sirt1	NM_019812	NM_019812
1624	1435832_at	0.006918	1452.83	976	Lrrc4	BB332932	NM_138682
1625	1424670_s_at	0.00692	746.93	634.07	Zfyve21	BC019521	NM_026752
1626	1454725_at	0.006925	1539.43	1075.53	G430041M0LRik	BG069073	NM_198102
1627	1420093_s_at	0.006931	2785.67	2632.17	Harpd1	AU015266	NM_016690
1628	1416852_a_at	0.006972	16850.87	14653.43	Ncdn	BC017126	NM_011986
1629	1429215_at	0.006976	361.47	257.27	2310058N2Rik	BQ175646	---
1630	1417135_at	0.006987	4604.47	3689.8	StrpK2	NM_009274	NM_009274
1631	1423781_at	0.006994	3124.43	2814.07	Appbp1	BC019163	NM_144931
1632	1455883_a_at	0.006994	1827.4	1269.33	Lrrtml	BB269910	NM_028880
1633	1457566_at	0.006998	204.47	82.37	AB30058L05Rik	BB271764	NM_172486
1634	1434942_at	0.007003	1496.73	1165.53	2610101J03Rik	BM248080	XM_130548
1635	1424848_at	0.00701	1964.37	1214.5	Kcnma1	U09383	NM_010610
1636	1436774_at	0.007014	2989.6	2365.07	Sel1h	BI661339	NM_011344
1637	1434344_at	0.007019	1475.23	1193.47	Gpkow	BG073356	NM_173747
1638	1442786_s_at	0.007021	9276.43	6505.43	D5BWg0860e	BB461022	NM_027530
1639	1416148_at	0.007022	2383.6	1878.77	Laptmab	BC019120	NM_033521
1640	1420429_at	0.007022	826.5	599.57	Pcdhb3	NM_053128	NM_053128
1641	1433767_at	0.007022	2181.5	2031.3	1110018G07Rik	AV257687	NM_178065
1642	1435829_at	0.007033	468.13	316.43	B930008K04Rik	BM242273	NM_175446
1643	1416861_at	0.007058	1523.07	1362.63	Stam	NM_011484	NM_011484
1644	1423460_at	0.007059	680.77	529.53	Perq1	BI688428	NM_031408
1645	1428582_at	0.007062	663	583.3	2010208K18Rik	AK008476	NM_028095
1646	1448785_at	0.007065	895.73	667.47	Cbfa2t1h	BG072085	NM_009822
1647	1439901_at	0.007066	382.1	240.93	BQ129438	---	---
1648	1438739_at	0.007067	580.1	454.27	Cnbp1	BM237919	NM_013493
1649	1453246_at	0.007078	1904.83	1422.9	Rab39b	AK020665	NM_175122
1650	1434023_at	0.007088	781.37	561.37	AU016693	BG065282	NM_178686
1651	1434607_at	0.007108	299.1	210.53	Ddx52	BB132474	NM_030096
1652	1423564_a_at	0.007113	4257.43	3073.07	Palcs	BM207712	NM_025939

Table 9

1653	1456320_at	0.007117	2673.13	1901.3	BC049806	BB701297	NM_172513		
1654	1452090_a_at	0.007122	823.33	604.27	01fm3	BB667895	NM_153157	///	NM_153458
1655	1452110_at	0.007129	458.3	317.57	Mtrr	BB757908	NM_172480		
1656	1420091_s_at	0.007137	584.8	372.47	Morc3	AI452146	XM_489605	///	XM_622709
1657	1422638_s_at	0.007139	530.2	365.27	Rassf5	NM_018750	NM_018750		
1658	1435503_at	0.00718	1659.3	1331.93	BC048546	BF302511	NM_001001179		
1659	1437639_at	0.00718	1484	1162.1	3321401G04Rik	BF228051	NM_029930		
1660	1435382_at	0.007187	7663.43	6341.33	Ngn	AW743020	NM_010882		
1661	1441682_s_at	0.007192	1812.9	1657	Xpot	C79645	XM_125902		
1662	1421849_at	0.007196	1981.9	1404.53	Stag2	NM_021465	NM_021465		
1663	1418357_at	0.007204	4663.3	3381.93	Foxg1	NM_008241	NM_008241		
1664	1415751_at	0.007208	4524.97	4151.47	Hplbp3	BC020024	NM_010470		
1665	1434752_at	0.007212	268.17	182	Zfp207	AV338324	NM_011751		
1666	1416799_at	0.007215	1012.43	590.43	Tyrm7	AV320241	NM_021450		
1667	1419583_at	0.007215	4792	3934.8	Cbx4	NM_007625	NM_007625		
1668	1424464_s_at	0.00722	434.53	291.23	2210010I05Rik	BF225441	NM_133829	///	NM_178081
1669	1438751_at	0.007236	332.33	209.97	S1C30a10	BB736474	XM_136506		
1670	1437511_x_at	0.007239	521.2	346.93	C1cc1	BB100861	NM_145543		
1671	1437744_at	0.007249	2218.1	1758.27	S1itrk4	BB357579	NM_178740		
1672	1424159_at	0.007251	297.5	150.63	1300010M03Rik	BC016089	NM_026501	///	NM_028933
1673	1421883_at	0.007255	3306.8	2683.3	E1av12	BB105998	NM_010486	///	NM_207685
1674	1436762_x_at	0.007264	885.07	775.13	E1p3	BB251911	NM_028811		
1675	1417538_at	0.007266	585.03	482.7	S1C35a1	NM_011895	NM_011895		
1676	1435846_x_at	0.007283	502.67	248.63	---	BB448458	---		
1677	1423736_a_at	0.007284	1042.47	757.63	Dym	BC018220	NM_027727		
1678	1419215_at	0.007297	288.77	123.03	Aox4	NM_023631	NM_023631		
1679	1420514_at	0.007299	3058.27	2313.13	Thm47	NM_138751	NM_138751	///	NM_175771
1680	1427167_at	0.007303	1415.1	1167.83	AI448196	BE865094	XM_621091		
1681	1419258_at	0.007309	3421.73	2721.13	Tcea1	BC006022	NM_011541		
1682	1440831_at	0.007313	526.7	397.5	6230421P05Rik	AV324314	---		
1683	1460430_at	0.007315	814.17	672.67	Rap2c	AK008416	NM_172413		
1684	1434176_x_at	0.007325	1447.37	1169	Polidp3	BI963573	NM_178627		
1685	1428418_s_at	0.00733	2903.23	2271.63	3110050N22Rik	BE198251	NM_173181		
1686	1456085_x_at	0.007331	676.5	523.43	CD151	AV169215	NM_009842		
1687	1456904_at	0.007332	446.9	380.43	BQ101405	---	---		
1688	1428483_a_at	0.00735	226.6	146.37	2610039C10Rik	AK012762	NM_025642		
1689	1429447_at	0.007352	512.3	304.37	Evc2	AK003753	NM_145920		
1690	1451364_at	0.007354	628.13	497.23	Polr3g1	BC027083	NM_027241		
1691	1457342_at	0.007368	314.37	230.77	---	BM114149	---		
1692	1417269_at	0.007369	3008.93	2540.23	Cdk9	NM_130860	NM_130860		
1693	1422881_s_at	0.007383	994.7	536.37	Syp1	BE333485	NM_013635	///	NM_198710
1694	1456423_at	0.007401	1162.47	798.63	Mbd5	AV298746	XM_283719		

Table 9

1695	1438553_x_at	0.007403	226.5	152.57	4930453N24R1k	BB817087	XM_148353
1696	1435774_at	0.007414	854.17	673.43	AV024533	AV024517	---
1697	1426671_a_at	0.007418	2382.93	2036.23	RnpC2	BG862129	NM_133242
1698	1428891_at	0.007433	1780.37	1587.97	9130213B05R1k	AK008716	NM_145562
1699	1455395_at	0.007449	377.93	203.7	4933425A18R1k	BB446073	NM_027695
1700	1424780_a_at	0.007452	1249.23	913.47	D10UC1a1	AK005026	NM_178606
1701	1454684_at	0.007452	601.43	430.77	Bbs7	BG074932	NM_027810
1702	1418390_at	0.007459	584.93	453	Phf21a	BB094173	NM_138755
1703	1424166_at	0.007461	404.13	293.37	Msh3	M80360	NM_010829
1704	1428935_at	0.007471	436.93	313.63	Canx	AI988026	NM_007597
1705	1456728_x_at	0.007473	1358.27	647.83	Accl	BB504570	NM_007386
1706	1453364_x_at	0.007475	198.37	134.93	9130019022R1k	AK020267	NM_030226
1707	1448083_at	0.007483	2303.43	1821.07	A930012M17	BE861826	XM_484423
1708	1418386_at	0.007484	1010.4	853.53	2510005D08R1k	NM_026526	NM_026526
1709	1452514_a_at	0.007485	842.17	601.63	Klt	X65997	NM_021099
1710	1435975_at	0.007501	1451.23	946.43	AI115600	BQ175496	XM_134902
1711	1440273_at	0.007504	130.73	85.37	LOC545753	BB524346	XM_620195
1712	1423800_at	0.007522	1245.13	974.87	Dars	BC008638	NM_145507
1713	1436759_x_at	0.007524	1185.1	806.67	Cmn3	AV172168	NM_028044
1714	1436088_at	0.007527	3024.9	2362.03	0910001A06R1k	AV033641	NM_144846
1715	1421853_at	0.007547	1844.5	1626.33	Psen1	LA2177	NM_008943
1716	1436733_at	0.007553	699.47	541.3	E130309F12R1k	BB523550	NM_178756
1717	1434875_a_at	0.007556	4371.2	3381.17	HmgH3	AV018952	NM_026122
1718	1422504_at	0.007559	5563.2	4693.43	Glrp	NM_010298	NM_010298
1719	1449001_at	0.00756	350.57	206.7	Iyrd	AV221988	NM_019826
1720	1416257_at	0.00757	1050.37	914.13	Capn2	NM_009794	NM_009794
1721	1452388_at	0.007572	293.27	141.27	Hsp91a	AW763765	NM_010479
1722	1456615_a_at	0.007603	1946.93	1357.9	Fal2	AA867746	XM_126724
1723	1438167_x_at	0.007604	966.13	639.73	Flcn	AV269574	NM_146018
1724	1427275_at	0.007608	460.6	227.03	Smc411	BI665568	NM_133786
1725	1455351_at	0.007626	845.53	642	AV023006	AV340615	---
1726	1451783_a_at	0.007647	6551.6	5975.77	Kifap3	D50366	NM_010629
1727	1439322_at	0.007647	1463.03	991.17	BB080017	---	---
1728	1453481_at	0.007653	721.1	488.63	Zdhc2	BB342242	NM_178395
1729	1455728_at	0.007653	1461.67	1180.67	Pten	AV232438	NM_008960
1730	1449371_at	0.007655	129.27	74.67	Hars1	NM_080636	NM_080636
1731	1424081_at	0.007671	782.27	599.9	Pogf6	BC016195	NM_027654
1732	1455816_a_at	0.007675	4555.5	3270.77	Kctd3	EB321232	NM_172650
1733	1418275_a_at	0.007679	288.27	201.67	E1f2	NM_023502	NM_023502
1734	1433676_at	0.007682	3977.1	3313.9	Wtk1	BM232571	NM_198703
1735	1423073_at	0.007691	5366.47	4814.03	Cmpk	BI157572	NM_025647
1736	1438018_at	0.007694	2025.7	1661.17	Hook1	BB463518	NM_030014



Table 9

1737	1454814_s_at	0.007696	316.1	248.83	AV021838	BG064779	---
1738	1456531_x_at	0.007708	7589.9	6146.47	Prp19	BB458578	NM_134129
1739	1451179_a_at	0.007723	2506.03	1951.87	Ok	AF090403	NM_021881
1740	1424139_at	0.007733	3299.17	2377.1	Rapla	BC011105	NM_145541
1741	1423195_at	0.00777	2233.93	1715.2	Hiat1	BM208582	NM_008246
1742	1419170_at	0.007771	4307.23	3530.07	2310044D20Rik	BB667295	NM_026321
1743	1426814_at	0.007773	894.07	727.87	AU024582	BM248309	NM_153125
1744	1453782_at	0.007775	1174.67	753.43	3021401C12Rik	BT737125	---
1745	1439057_x_at	0.007781	830.53	602.03	Zdhbc6	BB143557	NM_001033573
1746	1429781_s_at	0.00779	286.1	139.73	D3Ert8789e	AK014839	NM_026222
1747	1416953_at	0.007792	617.8	443.1	Ctgef	NM_010217	NM_010217
1748	1420485_at	0.007802	175.8	124.33	NOL7	AM060738	NM_023554
1749	1448463_at	0.007806	2371.13	1848.83	4933434E20Rik	NM_025762	NM_025762
1750	1440350_at	0.007808	549.4	422.67	Panx2	BM942843	NM_001002005
1751	1451019_at	0.00781	873.83	706.83	Ctsf	AK017474	NM_019861
1752	1424358_at	0.007823	2389.2	1933.2	Ube2e2	BC016265	NM_144839
1753	1435526_at	0.007825	369.83	271.73	Tor1aip2	BM248600	NM_172843
1754	1420798_s_at	0.007837	5580.07	4188.17	Pcdha4	NM_054072	NM_001003671
1755	1457272_at	0.00784	734.33	602	---	---	NM_001003672
1756	1434553_at	0.007843	1386.03	1055.5	BB284000	---	---
1757	1452095_a_at	0.007851	581.03	412.77	Timem56	BB667728	NM_178936
1758	1426949_s_at	0.007862	1682.23	1457.33	H47	AK005204	NM_024439
1759	1417749_a_at	0.007864	2780.53	2239.77	Tjpl	BM214109	NM_133780
1760	1423347_at	0.007864	4824.6	3456.7	Sec23a	BM232234	NM_009147
1761	1429013_at	0.007874	4351.93	3921.1	2900002G04Rik	AK021126	NM_136135
1762	1422467_at	0.007876	2506.9	1933.37	---	AF326558	---
1763	1448229_s_at	0.007881	436.77	317	Ccnd2	NM_009829	NM_009829
1764	1455092_at	0.007882	983.83	622.9	Zfp207	AV338324	NM_011751
1765	1423095_s_at	0.007888	2656.63	1990.2	Ctbn	AV156594	NM_021449
1766	1435469_at	0.007904	346.93	261.53	Qscn611	BM237031	NM_153559
1767	1457015_at	0.007924	313.1	163.17	NeF3	BB258427	NM_008691
1768	1456405_at	0.007933	929.1	731.9	Didol	BG063067	NM_011805
1769	1440630_at	0.007944	493.33	372.57	---	AV340255	---
1770	1429383_at	0.007945	2324.67	1861.7	Csnk1g3	BM195380	NM_152809
1771	1436217_at	0.007946	1488.6	1059.23	Zfp148	BQ174706	NM_011749
1772	1455496_at	0.007947	264.07	195.07	Pfas	AV306055	NM_111232
1773	1424743_at	0.007948	399.67	309.63	2610003J06Rik	BC010800	NM_028101
1774	1452331_s_at	0.007957	283.77	181.53	4732486I23Rik	BC021511	NM_130565
1775	1431054_at	0.007959	1045.8	799.17	Lsm6	AK019126	NM_134104
1776	1423083_at	0.007971	1215.4	927.17	Rab33b	AK004974	NM_016858

Table 9

1777	1436844_at	0.007974	3400.83	2289.37	---	AV257745	---	
1778	1430820_a_at	0.007983	341.2	253.63	Bbx	BC024449	NM_027444	
1779	1416145_at	0.007993	3686.83	2842.07	Dhx15	BC003745	NM_007839	
1780	1428312_at	0.007993	876.53	681.13		2810002D13R1k	AK012637	NM_025657
1781	1426895_at	0.008002	1542.2	1145.8	Zfp191	BS579760	NM_021559	
1782	1436070_at	0.008002	1113.27	926.63	Glol	BM933153	NM_025374	
1783	1428910_at	0.008016	2009.07	1693.57		2310022B05R1k	BI328156	NM_175149
1784	1460053_at	0.008018	267.37	199.87	Smyd4	BB021163	NM_177009	
1785	1440859_at	0.00802	3610.1	3286.07	Akap6	BM122144	XM_484140	
1786	1416408_at	0.008021	2320.67	1967.43	Acx1	AB034914	NM_015729	
1787	1447849_s_at	0.008021	722.2	519.4	---	AV323441	---	
1788	1416938_at	0.008035	2272.03	1861.8	Chchd1	NM_025366	NM_025366	
1789	1424402_at	0.008049	5056.67	4352.9	D5Bwg0860e	AM494299	NM_027530	
1790	1427959_at	0.008069	476.13	352.9	Abhd10	BB478745	NM_172511	
1791	1437071_at	0.008116	3048.47	2156.83	Eif1ay	BB471576	NM_025437	
1792	1417757_at	0.008121	645.2	543.5	Unc13b	NM_021468	NM_021468	
1793	1423508_at	0.008128	1202.43	957.8	Myst4	BB527816	NM_017479	
1794	1424769_s_at	0.008142	689.9	428.3	Calcl	BI248947	NM_145575	
1795	1457494_at	0.008164	259.73	177.9	---	BB55134	---	
1796	1435335_a_at	0.008184	1186.4	903.73	MGCT9224	BG144467	NM_001004164	
1797	1452767_at	0.008197	909.67	795.93	Rrbp1	AK019964	XM_622097	
1798	1453000_at	0.008209	2504.67	2215	Camsap11	AK05444	XM_129477	
1799	1445684_s_at	0.008213	2832.23	2210.37	Hdac2	AV292968	NM_008229	
1800	1429403_x_at	0.008216	459.47	313.1	Glt8d2	AK003894	NM_029102	
1801	1433642_at	0.008219	827.97	713.73	Arfrp2	BB384173	NM_172595	
1802	1452982_at	0.008239	1782.73	1342.03	A330103N21R1k	BB446952	---	
1803	1415761_at	0.008249	819.5	761.23	Mrp152	AV021593	NM_026851	
1804	1423295_at	0.008252	349.33	268.6	Tm9sf2	BB747462	NM_080556	
1805	1417872_at	0.008253	2451.47	2013.27	Fhl1	U41739	NM_010211	
1806	1418893_at	0.008259	954.97	736.5	Pbx2	NM_017463	NM_017463	
1807	1450784_at	0.008288	329.17	221.43	Reck	NM_016678	NM_016678	
1808	1451113_a_at	0.00829	2645.33	2005.27	Ik	BC014739	NM_011879	
1809	1419914_s_at	0.008296	3231.5	2530.2	D10Ert438e	AM538011	NM_030250	
1810	1418760_at	0.008302	621.97	486.87	Rdh11	AB030503	NM_021557	
1811	1431050_at	0.00831	317.13	149.4	Rps6ka5	BE291900	NM_153587	
1812	1429108_at	0.008313	862.67	528.43	Rnf184	BB745314	XM_150227	
1813	1440413_at	0.008334	346.87	179.77	A83006F12R1k	BB800596	NM_177164	
1814	1426582_at	0.008342	3107.87	2939.97	Atf2	BM119623	NM_001025093	/// NM_009715
1815	1427233_at	0.008346	1389.83	916.97	Sdcag33	AV291373	XM_129060	
1816	1418308_at	0.008356	410	316.1	HuS1	NM_008316	NM_023603	
1817	1423796_at	0.008375	536.57	412.93	Sfpq	AY034062	NM_021554	
1818	1417710_at	0.008382	4058.17	3249.97		0610012D09R1k	NM_021554	

Table 9

1819	1416679_at	0.008389	2200.3	2028.3	Abcd3	BC009119	NM_008991
1820	1440396_at	0.008408	76.67	22.53	Mpp6	BG075893	NM_019939
1821	1424993_at	0.008436	1929.07	1487.9		8430410X20Rik	BC014729
1822	1423322_at	0.008439	2118.77	1782.13	Lin7c	BQ176612	NM_011699
1823	1427253_s_at	0.008439	999.6	834.13	Suz12	BG066534	NM_199196
1824	1438637_x_at	0.008459	2675.2	1521.73	Sf3b2	AV305279	NM_030109
1825	1423171_at	0.008468	571.8	327.27	Gpr88	BE947345	NM_022427
1826	1455988_a_at	0.008475	7492.97	6346.4	Cct6a	BM210281	NM_009838
1827	1431822_a_at	0.00848	1974.07	1791.27	Azi2	AK004992	NM_013727
1828	1427670_a_at	0.008492	1843.63	1308.3	Tcf12	M97636	NM_011544
1829	1455189_at	0.0085	1374.3	1002.2		8030451N04Rik	BB400432
1830	1417410_s_at	0.008511	2210.2	1864.27	Ptcci	NM_008857	NM_008857
1831	1416923_a_at	0.008521	2839.67	2356	Bnip3l	AK018668	NM_009761
1832	1429722_at	0.008533	1561.27	1185.73	Zbtb4	BB767069	NM_126150
1833	1418565_at	0.008535	314.63	232.33	Serbp1	BC006030	NM_025814
1834	1449797_a_at	0.008546	2018.5	1214.13	Spock3	NM_023689	NM_023689
1835	1451331_at	0.008565	895.47	694.83	Pppl1b	BC026568	NM_144828
1836	1423599_a_at	0.008568	1065.1	771.9	Pgcl	AK004704	NM_026176
1837	1428573_at	0.008575	1985.73	1398.43	Chn2	AK006398	NM_023543
1838	1455570_x_at	0.008577	1205.63	881.4	Cnn3	BB833102	NM_028044
1839	1456505_at	0.008582	766.8	546.07	Bkaf	BB332976	NM_355754
1840	1435389_at	0.008596	4424.37	3537.87	Uba52	BM899236	NM_019883
1841	1438407_at	0.008596	728.53	566.03		9330132E09Rik	AV336691
1842	1428639_at	0.008597	99.1	68	Lin9	AK012271	NM_175186
1843	1418843_at	0.008627	2968.5	2338.9	Slc30a4	NM_011774	NM_011774
1844	1428751_at	0.008628	791.37	615.8	Pacrg	AK005771	NM_027032
1845	1429633_at	0.008643	832.83	620.77	A630025C20Rik	AK014072	NM_172154
1846	1449876_at	0.008658	115.83	39.37	Prkg1	NM_011160	NM_001013833
1847	1455317_at	0.008665	2661.53	1992.63	Epc2	BB034610	NM_172663
1848	1433537_at	0.008672	5025.17	4140.87		4833408C14Rik	AV112912
1849	1437239_x_at	0.008673	1310.5	1057.63	Phc2	BB334118	NM_018774
1850	1453722_s_at	0.008679	2175.77	1874.47	Sfrs1	BF682801	NM_173374
1851	1439086_at	0.008689	457.43	413.17		A930009L07Rik	BB278168
1852	1428607_at	0.008706	1564.43	891.43		AK010060	---
1853	1449061_a_at	0.008713	186.37	107.63	Prim1	J04620	NM_008921
1854	1416465_a_at	0.008729	6663.97	5160.03	Vapa	BB037317	NM_013933
1855	1440177_at	0.008744	738.23	450.13		9.63E+17	BM899529
1856	1433959_at	0.008751	1077.1	958	Zmat4	AV337374	NM_177086
1857	1451237_s_at	0.008762	2373.5	1656.13	Rbm7	AF458961	NM_144948
1858	1452854_at	0.008766	938.57	760.83		AK017703	---
1859	1456130_at	0.008773	969.8	588.77	LOC553091	BG068705	---
1860	1435163_at	0.008776	1730.57	1222.4		9030612M13Rik	BB008634
							NM_172458

Table 9

1861	1434843_at	0.008806	3645.73	2502.33	A430041B07Rik	BG070968	XM_484151
1862	1455486_at	0.008808	851.57	646.27	Pias1 BM246045	NM_019663	
1863	1435160_at	0.008809	704.87	443.47	1110064P04Rik	BM120737	NM_172391
1864	1455063_at	0.008812	71.9	30.17	AW061290	AW061290	NM_201361
1865	1438565_at	0.008813	1054.67	776.7	1300004G08Rik	LOC545242	AK004898 NM_028789 /// XM_619521
1866	1457133_at	0.008822	330.07	252.47	BM195317	---	
1867	1432144_a_at	0.008838	1496.53	1271.37	Rchyl AK015870	NM_026557	
1868	1417057_a_at	0.008855	1741.07	1468.63	Ppid Lamp3	BC011499	NM_026352 /// NM_177356
1869	1433726_at	0.008868	3159.5	2625.13	2310035C23Rik	BB124070	NM_173187
1870	1434578_x_at	0.008873	5442.23	4402.57	Ran	BI714963	NM_009391
1871	1436681_x_at	0.008889	1505.43	943.1	0610009D07Rik	BE199670	NM_025323
1872	1433851_at	0.008904	1106.63	895.13	---	BI735251	---
1873	1434099_at	0.008909	1172.7	1008.23	Casp7 BB752393	NM_007611	
1874	1426614_at	0.008916	2440.63	1850.7	Prkcbp1	BB523906	NM_027230 /// NM_172270
1875	1438688_at	0.008918	4193.4	3227.53	Strm2 BG915272	NM_175229	
1876	1421870_at	0.008927	6799.43	6343.73	Trim44	NM_020267	NM_020267
1877	1439824_at	0.008934	1810.7	1342.2	Chm	BB263701	NM_018818
1878	1456499_at	0.008935	597.57	490.27	LOC552912	BE948550	---
1879	1435164_s_at	0.008936	1997.17	1383.07	Ubelc	AW210753	NM_011666
1880	1438106_at	0.008946	183.97	140.5	Pcdhb22	AV336932	NM_053147
1881	1439459_x_at	0.008948	2106.53	1752.57	Acly	BB276877	NM_134037
1882	1435307_at	0.008952	871.53	651.53	6430502M16Rik	AW489260	NM_175455
1883	1439541_at	0.008958	707.73	582.5	4930414L22Rik	BQ176011	---
1884	1418512_at	0.009016	709.43	441.27	SEK3	AK021111	NM_019635
1885	1436223_at	0.009022	2042.87	1226.83	Itgb8	BB504737	XM_484197
1886	1426290_at	0.009024	441.77	303.37	1500031M22Rik	AK015145	NM_025447
1887	1418737_at	0.009034	1259.2	815	Nudt2	NM_025539	NM_025539
1888	1448558_a_at	0.009041	124.73	63.47	P1a2g4a	NM_008869	NM_008869
1889	1424349_a_at	0.009042	5174	3866.07	IPgatl	BE987427	NM_172266
1890	1444811_at	0.009042	334.1	240.3	T1oc1	BM293801	NM_027016
1891	1415799_at	0.009066	2576.57	2228.07	Wdp11	NM_021714	NM_021714
1892	1418152_at	0.00907	375.2	238.57	Nsbp1	NM_016710	NM_016710
1893	1428619_at	0.009077	1619.7	1229.23	2310005N03Rik	BB783243	NM_025511
1894	1429021_at	0.009084	3909.53	2611.07	Epha4	AK013481	NM_007936
1895	1428232_at	0.009085	738.4	615.53	Cpsf6	BB425379	NM_001013391
1896	1416129_at	0.009107	1044.97	845.17	Exrfil	NM_133753	NM_133753
1897	1438318_x_at	0.009107	733.67	489.23	1500001L15Rik	BB559925	NM_026890
1898	1434625_at	0.009111	835.63	557.17	4930432021Rik	BM118654	NM_001025373
1899	1416308_at	0.009112	955.3	707.8	Uggh	NM_009466	NM_009466
1900	1435387_at	0.009113	4323.87	4056.9	A630029G22Rik	BB191000	NM_001033633
1901	1448667_x_at	0.009115	1030.37	743.83	Tob2	AV174616	NM_020507
1902	1434590_at	0.009126	6061.63	4215.73	B230209C24Rik	BM898653	NM_177235

Table 9

1903	1425678_a_at	0.009135	902.7	751.83	Shrk	BC020189	NM_133741
1904	1426777_a_at	0.009137	1393.47	1269.23	Wasl	BF466143	NM_028459
1905	1416083_at	0.009138	7724.73	7002.1	Za20d2	AA124553	NM_009551
1906	1446148_x_at	0.00914	776.53	518.2	C79248	BB436856	---
1907	1450841_at	0.00914	364.37	302.47	Itm1	AA756810	NM_008408
1908	1428772_at	0.009155	2163.53	1747.87	Xpot	AK003432	XM_125902
1909	1451025_at	0.009157	4875.73	3847.4	Ar11	AW011908	NM_025859
1910	1426741_a_at	0.00916	478.9	308.03		2810421124Rik	BI108987
1911	1454937_at	0.009164	1508.53	1036.4		B630005N14Rik	BB329261
1912	1421374_a_at	0.00917	1003.7	834.93	Fxyd1	NM_019503	NM_175312
NM_194321							
1913	1428368_at	0.009174	2598.97	1711.87	Arhgap21	BM213829	XM_130033
1914	1419663_at	0.009176	346.83	222.77	Ogn	BB542051	NM_008760
1915	1437749_s_at	0.009191	919.57	744.2	Mtrp19	BB315668	NM_030116
1916	1419381_at	0.009195	317.6	207.37	Terf2ip	NM_020584	NM_020584
1917	1418025_at	0.009197	2023.23	1151.63	Bhlhb2	NM_011498	NM_011498
1918	1428119_a_at	0.009206	461	301.47	Rap2c	AK008416	NM_172413
1919	1452281_at	0.009206	1009.57	583.17	Sos2	Z11664	XM_127051
1920	145714_x_at	0.009209	554.57	400.23		1117d	BB809808
1921	1437335_at	0.009211	3128.17	2597.63	Ppplf12a	AV309184	NM_145837
1922	1416181_at	0.009215	2028.2	1662.17	Mesdc2	NM_023403	NM_137239
1923	1439117_at	0.009222	576.43	406.1	Cltm	AU067755	NM_053155
1924	1429222_at	0.009225	165.67	96.5	---	AI661697	---
1925	1453077_a_at	0.009252	632.3	539.5	Snapp3	AK016168	NM_029949
1926	1441973_at	0.009272	312.83	173.7	Zfp295	BB091040	NM_175428
1927	1422649_at	0.009279	621.57	504.1	Cttnb6	NM_017383	NM_017383
1928	1437172_x_at	0.009292	1852.3	1373.27	Hadhb	AV150884	NM_145558
1929	1430561_at	0.0093	1968.63	1141.57	Dnajb14	BE952491	XM_131212
1930	1427915_s_at	0.009346	2360.7	1914.73	Tceb1	A1019214	NM_026456
1931	1457285_at	0.009346	806.27	626.3	Zfp187	BB354728	NM_001013786
1932	1424598_at	0.00936	1262.53	1003.03	Ddx6	BC021452	NM_007841
1933	1421907_at	0.009378	720.53	460.13	Pparbp	BB760479	NM_013634
1934	1436737_a_at	0.00938	1966.03	1144.83	Sorbs1	BB737680	NM_001034962
NM_001034964							
1935	1436552_at	0.009386	968	739.23		6430702121Rik	AI850334
1936	1454988_s_at	0.009411	894.6	748.33	Rab22a	BI695763	NM_024436
1937	1455951_at	0.009415	1056.77	861.4	Mars	BM211104	NM_001003913
1938	1435173_at	0.009416	1007.8	626.2	Atel1	AV175293	NM_001029895
1939	1416095_x_at	0.009422	1914.8	1557.83		1110005A23Rik	NM_025364
1940	1437303_at	0.009427	654.83	406.27	Il6st	BI102913	NM_010560
1941	1434676_at	0.009444	2119.8	1794.63	Mtmr9	BM118290	NM_177594
1942	1437377_a_at	0.009449	808.1	582.67	Polrmt	BB739221	NM_172551

Table 9

1943	1455447_at	0.009465	3133.23	2586.73	D430019H16R1k	BML16882	---
1944	1447936_at	0.009472	1134.8	814.93	241006H16R1k	AA939619	---
1945	1441598_at	0.009474	351.27	255.67	Tmeff2	AV246773	NM_019790
1946	1420486_at	0.009476	2046.77	1532.07	Nol7	AW060738	NM_023554
1947	1455925_at	0.009481	1059.23	627.07	Prdm8	AV349236	NM_029947
1948	1420626_at	0.009489	689.93	554.9	2410016F19R1k	BF782285	NM_026113
1949	1426361_at	0.009494	469.1	420.53	Zc3h11a	AV328883	NM_144530
1950	1437284_at	0.009496	792.43	539.03	Fzd1	BB259670	NM_021457
1951	1456699_s_at	0.009506	2499.23	1834.03	A730098D12R1k	AA561825	---
1952	1453791_at	0.009519	1171.93	704.1	2810449C10R1k	BB648310	---
1953	1450760_a_at	0.009521	303.97	243.43	Ing3	BB020556	NM_023626
1954	1437830_x_at	0.009525	152.83	95.3	Zbed3	BB703880	NM_028106
1955	1450773_at	0.009528	2233.27	1716.7	Kcnd2	BB051684	NM_019697
1956	1426269_at	0.009536	2137.8	1662.7	Sybl1	BC003764	NM_011515
1957	1435187_at	0.009537	3829.4	2918.3	Tomm20	BG064946	NM_024214
1958	1435461_at	0.009545	1601.93	1326.8	Magi3	BF180812	NM_133853
1959	1419108_at	0.009581	584.23	496.23	Ophn1	BL134110	NM_052976
1960	1417434_at	0.009583	3799.63	3158.7	Gpd2	NM_010274	NM_010274
1961	1428529_at	0.009583	394.17	298.9	2810026F18R1k	AK012825	---
1962	1429106_at	0.009584	1864.2	1320.53	4921509J17R1k	AK014853	---
1963	1445549_at	0.009601	247.4	162.2	---	AT852373	---
1964	1429137_at	0.009611	201.2	131.07	2810422020R1k	AK013137	NM_027279
1965	1452328_s_at	0.009633	3628.7	2480.33	Pja2	BF160731	NM_001025309
1966	1429411_a_at	0.009635	610.63	451.6	Emy2	AT595744	NM_175009
1967	1437433_at	0.00965	288.3	182.73	B3gal1t2	BB254922	NM_020025
1968	1422474_at	0.00966	3027.63	2541.07	Pde4b	BM246564	NM_019840
1969	1452989_at	0.009661	2198.37	1586	2900009J20R1k	BB315961	---
1970	1416926_at	0.009665	592.73	400.73	Trp53imp1	AW495711	NM_021897
1971	1439748_at	0.009676	932.77	715.93	Dpp6	AV328546	NM_010075
1972	1422505_at	0.009694	631.9	523.23	Chracc1	NM_053068	NM_053068
1973	1448333_at	0.009695	3020.6	2601.67	Adprh	AF244347	NM_007414
1974	1428682_at	0.009714	864.97	538.53	Zc3h6	AK019473	NM_178404
1975	1455468_at	0.009724	719.53	502.33	9330164H19R1k	BB768758	NM_178704
1976	1456376_at	0.009729	195.87	116.47	---	BB314321	---
1977	1434052_at	0.009735	5462	4547.6	AT593442	AV327193	NM_177907
1978	1436900_x_at	0.009747	715.83	521.47	Leprot	AV156961	NM_175036
1979	1450287_at	0.009755	365.5	246.2	Npas3	LOC544865	NM_013780
					LOC546536	BE288934	XM_621286
							///
XM_622154							
1980	1437329_at	0.009758	510.4	459.1	Ptclb	BG067863	NM_023587
1981	1459854_s_at	0.009774	5202.37	3830.8	Tctcl1		AV059518
1982	1426546_at	0.009775	214.13	133.23	Tesk2	BQ179435	NM_146151
1983	1428914_at	0.009784	895.5	744.67	2310014D11R1k	AK009333	---

Table 9

1984	1455240_x_at	0.009788	55.97	49.1	---	BG066901	---	NM_198161
1985	1428512_at	0.009791	3105.9	2479.87		Bh1hb9	AK012577	NM_007561
1986	1434310_at	0.009794	6427.83	5700.8		Bmpr2	AW546137	NM_133854
1987	1425578_s_at	0.009796	558.23	357.83		Snapap	BB67523	NM_133854
1988	1437400_at	0.009797	909.9	741.27	Nedd41	BB309512	NM_031881	
1989	1451494_at	0.009804	3133.7	2345.03	Wac	AW556980	NM_153085	
1990	1448125_at	0.009813	2888.27	2323.6	Rlt2	BB271919	NM_009065	
1991	1434628_a_at	0.009817	113.57	60.23	Rhp2	BF228009	NM_027897	
1992	1416958_at	0.009838	7617.93	5252.17	Nr1d2	NM_011584	NM_011584	
1993	1423050_s_at	0.009838	6165.33	5356.53	Hnrpu	BF228203	NM_016805	
1994	1425846_a_at	0.00984	1306.9	1028.93	Caln1	AF282251	NM_021371	
1995	1437350_at	0.009843	226.73	167.03	NGI:2179725	AV290046	NM_027136	
1996	1434556_at	0.009871	1935.03	1753.17	---	BI437942	---	
1997	1417252_at	0.00988	795.5	552.4	Nt5c	NM_015807	NM_015807	
1998	1419662_at	0.009894	340.9	206	Ogm	BB542051	NM_008760	
1999	1417372_a_at	0.009907	927.63	755.97	Pel11	BC016515	NM_023324	/// NM_030015
2000	1450941_at	0.009907	606.87	467.67	Sdcbp	AV227603	NM_016807	
2001	1434219_at	0.009935	1505.63	1258.27	Stim2	BB004503	NM_132038	
2002	1420127_s_at	0.009938	1105.7	946.27	Ccp91	C85100	NM_028181	
2003	1434207_at	0.009942	637.67	466.07	2900057X09Rik	BE570729	---	
2004	1429193_at	0.009953	1526.77	1290.8	Ank1b1	BE952940	NM_001003909	
2005	1437087_at	0.009955	3295.63	2964.6	---	AV079268	---	
2006	1428854_at	0.009956	1698.27	1361.53	Tmed8	AK018286	NM_356596	
2007	1416633_a_at	0.009985	1634.7	1082	5730536A07Rik	NM_026635	NM_026635	
2008	1448635_at	0.009992	313.13	242.77	Smc211	NM_008017	NM_008017	

Table 10

Monocular deprivation (4 days) plus IGF1 versus control									
↓Downregulated in short term MD+IGF1									
*Significance criterion = 0.01									
#	affyid	p	data	control	gene				
1	1450910_at	0.000001	4879.97	7114.33	Cap2	AV261931	NM_026056		
2	1425608_at	0.000005	195.07	258.03	Dusp3	BC016269	NM_028207		
3	1420839_at	0.000007	350.4	571.47	Plekha3	BB780848	NM_031256		
4	1421754_at	0.000007	572.3	3035.13	AY036118	NM_133243	---		
5	1415824_at	0.000012	1461.3	2685.7	Scd2	BG060909	NM_009128		
6	1454159_a_at	0.000012	715.8	1915.33	Igfbp2	AK011784	NM_008342		
7	1453732_at	0.000012	274.4	390.67	6230416A05Rik	BE533688	XM_127325		
8	1415795_at	0.000015	412.87	766.57	Spin	BM228780	NM_011462	///	NM_146043
9	1422145_at	0.000019	265	424.83	Mgat3	NM_010795	NM_010795		
10	1415953_s_at	0.00002	426.9	716.73	Mark2	BI686265	NM_007928		
11	1460498_a_at	0.000021	567.67	967.27	Dnajc5	BI685030	NM_016775		
12	1451007_at	0.000022	129.73	248.2	Cnnm2	BB278418	NM_033569		
13	1415964_at	0.000033	1722.3	2509.97	Scd1	NM_009127	NM_009127		
14	1460390_at	0.000038	409.63	629.87	Sor11	BI648081	NM_011436		
15	1422733_at	0.000045	691.67	1450.9	Fjx1	AY230815	NM_010218		
16	1433899_x_at	0.000049	1803.7	3018.2	Tsc22d1	AU016382	NM_009366	///	NM_207652
17	1418370_at	0.000052	442.67	1017.13	Tnnc1	NM_009393	NM_009393		
18	1421327_at	0.000062	695.6	1435.17	Mtap2	A730034C02	BMS37510	---	
19	1424476_at	0.000063	319.93	1010.83	Camkk2	BI157430	NM_145358		
20	1420610_at	0.000066	2030.33	3171.6	Prkab	AV024339	NM_011100		
21	1421789_s_at	0.000069	1256.4	3051.23	Arf3	NM_007478	NM_007478		
22	1428123_at	0.000072	113.37	216.67	2610528K11Rik	AK012178	NM_175184		
23	1422605_at	0.000074	1485.27	2422.23	Pppl1a	NM_021391	NM_021391		
24	1431030_a_at	0.000076	1327.3	1752.03	Rnf14	AK010162	NM_020012		
25	1444513_at	0.000077	358.43	602.57	Chksr2	AI854548	NM_177751		
26	1428322_a_at	0.000079	3899.3	4579.97	Ndufb10	BI905689	NM_026684		
27	1454671_at	0.000088	439.23	595.23	Insig1	BB005488	NM_153526		
28	1449860_at	0.00009	192.53	866.23	Npcx2	NM_016789	NM_016789		
29	1459722_at	0.00009	219.8	285.5	Zswim6	AI427602	XM_358311		
30	1436642_x_at	0.000099	387.27	512	---	BE993148	---		
31	1450408_at	0.000102	311.9	573.67	C1cm7	NM_011930	NM_011930		
32	1455479_a_at	0.000106	2466.47	3611.77	Ube2d3	BG070759	NM_025356		
33	1430529_at	0.000106	201.93	282.57	Cenkl1a1	AK019176	NM_146087		
34	1439333_at	0.000108	1506.43	2247.47	Kcnv1	BB078927	NM_026200		



Table 10

35	1428697_at	0.000109	666.5	1277.53	Dpp8	BM939621	NM_028906	
36	1421862_a_at	0.000112	158	403.77	Vamp1	AK018783	NM_009496	
37	1433961_at	0.000117	187.9	285.87	BC023814	BG068266	NM_153562	
38	1422560_at	0.000119	210.37	361.73	Dd12	NM_023544	NM_001017966	
39	1440455_at	0.000119	4258.07	5955.83	At848599	At848599	---	
40	1422580_at	0.000134	643.67	1257.23	My14	NM_010858	NM_010858	
41	1436393_a_at	0.000135	2449.13	3206.37	Trim37	BG065227	NM_197987	
42	1449063_at	0.000146	1163.37	1396.17	Sec2211	BC009024	NM_011342	
43	1425781_a_at	0.00015	514.13	799.47	Plcb1	U85714	NM_019677	
44	1429533_at	0.000152	687.63	904.57	Immt	BB222675	NM_029673	
45	1417963_at	0.000161	696.37	1278.1	Pltp	NM_011125	NM_011125	
46	1419344_at	0.000169	321.03	641.97	Tctcl	NM_013688	NM_013688	
47	1416754_at	0.000171	4459.33	8472.7	Prkar1b	NM_008923	NM_008923	
48	1419223_a_at	0.000171	961.67	1492.2	Dtna	AF143542	NM_010087	/// NM_207650
49	1420507_a_at	0.000174	404.03	545.3	3110031B13Rik	NM_026075	NM_026075	
50	1433630_at	0.000176	1010.27	1304.27	LOC208158	BB762333	NM_198599	
51	1422994_at	0.000177	203.6	304.37	Pip5k3	NM_011086	NM_011086	
52	1423560_at	0.000179	973.4	2468.47	Ne112	At838010	NM_016743	
53	1454037_a_at	0.000181	127.33	272.3	F1t1	AK005502	NM_010228	
54	1436464_at	0.000183	63.17	92.2	---	BE943617	---	
55	1450319_at	0.000186	985.53	1644.3	Gabrb2	NM_008070	NM_008070	
56	1421176_at	0.000189	956.27	1580.03	Rasgrp1	BB354696	NM_011246	
57	1458932_at	0.000192	232.97	319.67	Pex2	BB639093	NM_021483	
58	1421090_at	0.000204	1832.57	2965.8	Epb4.111	NM_013510	NM_001003815	/// NM_001006664
59	1430514_a_at	0.000213	364.1	598.6	2410026K10Rik	AK002762	NM_025584	/// NM_013510
60	1458539_at	0.000225	339.6	690.67	R3hdm1	BB462088	NM_181750	
61	1417133_at	0.000227	849.83	1097.67	Pmp22	NM_008885	NM_008885	
62	1418187_at	0.00023	423.17	579.1	Ramp2	AF146523	NM_019444	
63	1454045_a_at	0.000235	923.87	1296.87	4933424M23Rik	LOC260345	AK016901	---
64	1428937_at	0.000235	4753.63	6371.1	Acp2b1	BT080417	NM_026482	
65	1424570_at	0.000238	188.1	275.93	Ddx46	BF023426	NM_145975	
66	1431749_a_at	0.000241	423.27	903.3	Rasgrp1	AK013548	NM_011246	
67	1417330_at	0.000245	281.33	467.17	Slc23a2	NM_018824	NM_018824	
68	1426066_a_at	0.000245	777.43	1181.17	Dtna	AF143544	NM_010087	/// NM_207650
69	1418079_at	0.000246	739.93	1176.2	Psmc3	U60330	NM_011192	
70	1422967_a_at	0.000246	127.7	254.43	Tfrc	BB810450	NM_011638	
71	1427054_s_at	0.000246	244.3	503.3	D930038M13Rik	BC026627	NM_001014399	/// NM_001014422
72	1420575_at	0.000248	2687.07	8257.33	Mt3	NM_013603	NM_013603	/// NM_001014423
73	1449503_at	0.000253	748.67	1105.1	Kpna1	U20619	NM_008465	

Table 10

74	1418616_at	0.000257	252.1	371.37	MaFk	NM_010757	NM_010757		
75	1419137_at	0.000261	2962.67	4036.03	Shank3	NM_021423	NM_021423		
76	1427735_at	0.000262	693.97	1000.8	Acta1	M12233	NM_009606		
77	1419425_at	0.000263	251.17	410.53	Cnr1	NM_007726	NM_007726		
78	1421396_at	0.000265	278.63	467.37	Pcsk1	M69196	NM_013628		
79	1415893_at	0.000267	117.37	216.53	Sgpl1	NM_009163	NM_009163		
80	1451427_a_at	0.000272	241.3	412	Egfl7	BC024610	NM_178444	///	NM_198724
81	1420403_at	0.000273	3289.07	7391.03	Atp2b2	NM_009723	NM_009723		NM_198725
82	1425576_at	0.00028	2126.93	3013.47	Ahcy11	BC018218	NM_145542		
83	1433729_x_at	0.000285	805.53	1025.8	Pmpcb	AV047320	XM_131914		
84	1421093_at	0.000296	458.17	654.13	S1c7a10	NM_017394	NM_017394		
85	1425459_at	0.0003	332.87	448.77	Mtmr2	BB197262	NM_023858		
86	1421459_a_at	0.000303	96.07	165.67	Lyp8	NM_053073	NM_053073		
87	1425748_at	0.000307	110.1	252.5	Dlras1	BQ042613	NM_145217		
88	1426699_at	0.000307	308.9	431.5	AU040320	BG071197	NM_133886		
89	1418795_at	0.00031	225.6	411.23	Cd62	BB487604	NM_138651		
90	1421123_at	0.00031	386.33	869.97	Cdk5r1	NM_009871	NM_009871		
91	1424172_at	0.000312	2728.53	3273.67	Hagha	BC004749	NM_024284		
92	1449590_a_at	0.000313	572.6	921.53	Mras	AB004879	NM_008624		
93	1432910_at	0.000314	130.53	181.93	Btdb7	AK017755	NM_172806		
94	1434181_at	0.00032	926.3	1297.03	Plekhc1	BG070082	NM_146054		
95	1460687_at	0.000321	298.93	603.07	2410195B05Rik	BB787289	NM_030241		
96	1460711_at	0.000322	808.63	1014.8	4330461P20Rik	BG071611	XM_127961		
97	1445460_at	0.000325	80.37	132.33	BE457827	---	---		
98	1455305_x_at	0.000335	1047.13	1544.8	BF320908	---	---		
99	1420833_at	0.000336	3051.17	6565.17	Vamp2	BG871810	NM_009497		
100	1437938_x_at	0.000337	153.43	249.57	Dnm2	BG066325	NM_007871		
101	1416882_at	0.000349	1067.4	1649.13	Rgs10	NM_026418	NM_026418		
102	1421026_at	0.00035	250.33	464.1	Gna12	BF302166	NM_010302		
103	1448844_at	0.000351	468.77	747.97	1810044022Rik	NM_025558	NM_025558		
104	1438361_at	0.000351	140.27	214.27	2310035C23Rik	BB543289	NM_173187		
105	1423450_a_at	0.000361	993.93	1317.17	Hs3st1	AY226060	NM_010474		
106	1428195_at	0.000362	448.6	704.83	4331427C17Rik	BG072404	NM_021414		
107	1436971_x_at	0.000363	13240.77	14668.43	Ywhaz	BB100384	NM_011740		
108	1418743_a_at	0.000364	344.73	555.93	MGT:1930803	NM_021344	NM_021344		
109	1454686_at	0.000364	79.83	176.13	6430706D22Rik	BM248225	NM_198652		
110	1456247_x_at	0.000368	59.37	146.37	Pip2	AV166926	NM_019755		
111	1427189_at	0.000371	466.7	697.43	Arhl1	BB362210	NM_019927		
112	1425424_at	0.000374	96.07	168.8	BC006653	---	---		
113	1431129_at	0.000382	230.67	339.77	Usp31	BG861783	XM_357781		

Table 10

114	1421181_at	0.000385	659.47	1699.3	Nptxr	BI733611	NM_030689	
115	1421268_at	0.000389	524.47	805.43	Ugcg	AA591863	NM_011673	
116	1450385_at	0.000391	901.5	1155.8	Kpna3	BM213828	NM_008466	
117	1422331_at	0.000392	183.77	288.33	Pou3f3	NM_008900	NM_008900	
118	1416022_at	0.000409	373.33	6026.13	Fabp5	BC002008	NM_010634	
119	1453273_at	0.000411	749.77	1253.3	Kcnv1	AV142265	NM_026200	
120	1456838_at	0.000418	515.13	848.17	LOC237403	BE95608	XM_137156	
121	1434228_at	0.000422	1944.07	3446.9	Ppm2c	AY255921	XM_355470	
122	1425227_a_at	0.000424	897.03	1800.97	Afp6v0a1	BC001995	NM_016920	
123	1450466_at	0.000427	859.63	1617.73	B230310J22Rik	BT739719	---	
124	1417279_at	0.000434	4884.93	5617.23	Itpr1	NM_010585	NM_010585	
125	1434221_at	0.000434	679.87	876.27	BC030863	BB698852	XM_112637	/// XM_622935
126	1422520_at	0.00044	3690.7	5072.2	Nef3	NM_008691	NM_008691	
127	1454653_at	0.00044	694.17	1302.77	AV30016F12Rik	BB274531	NM_170673	
128	1420661_a_at	0.000452	168.5	246.97	4933439F18Rik	NM_025757	NM_025757	
129	1420904_at	0.000454	175.93	264.07	Il17r	AK010040	NM_008359	
130	1421255_a_at	0.000457	698.37	1599.67	Cabp1	NM_013879	NM_013879	
131	1453093_at	0.000458	425.07	783.53	Rasgef1c	AK018593	NM_029004	
132	1436094_at	0.000461	2007.17	3452.77	---	BF458396	---	
133	1423694_at	0.000464	666.13	787.33	Kctd10	BC006935	NM_026145	
134	1439477_at	0.000465	733.8	1093.9	5430406J06Rik	BB047737	---	
135	AFFX-PyruCarbMur/L09192_5	at	0.000469	151.73	268.43	Pcx	AFFX-PyruCarbMur/L09192_5	NM_008797
136	1450228_a_at	0.000473	477.87	1096.97	Pip5k1c	NM_008844	NM_008844	
137	1452747_at	0.000476	246.4	537.63	Atp13a2	BM944122	NM_029097	
138	1451693_a_at	0.000483	1970.53	2616.53	Fgf12	AF020738	NM_010199	/// NM_183064
139	1421877_at	0.000484	1278.7	1699.63	Mapk9	BC024514	NM_016961	/// NM_207692
140	1449925_at	0.000489	63.43	119.27	Cxcr3	NM_009910	NM_009910	
141	1440248_at	0.0005	321.77	440.63	Casca	BB238478	NM_177054	/// NM_199038
142	1436216_s_at	0.000502	559.4	1267.4	2610204M08Rik	BM234799	NM_198411	
143	1460181_at	0.000504	9015	11783.13	Stmn3	NM_009133	NM_009133	
144	1421876_at	0.000507	954.03	1512.93	Mapk9	BC024514	NM_016961	/// NM_207692
145	1423151_at	0.000509	725.5	934.57	Dnajb11	AK010861	NM_026400	
146	1415956_a_at	0.000518	2548.6	4046.93	Pctk1	NM_011049	NM_011049	
147	1423078_a_at	0.000519	1620.23	2449.8	Sc4mol	AK005441	NM_025436	
148	1451158_at	0.000524	145.93	291.83	Tripl2	BG923744	NM_133975	
149	1441064_at	0.000525	441.27	605	E330039K12Rik	BF467171	NM_172917	/// NM_175561
150	1417781_at	0.000526	256.1	333.27	Lassa	BB006809	NM_026058	
151	1428485_at	0.000529	115.67	227.07	Car12	AK009873	NM_178396	
152	1423333_at	0.000532	415.4	841.47	1200007D18Rik	AK003239	NM_026170	
153	1431216_s_at	0.000538	1347	1778.37	Dnajc6	BI730538	NM_198412	

Table 10

154	1418702_a_at	0.000548	950.47	1478.7	2810428115R1k	NM_025577	NM_025577
155	1460286_at	0.000553	1380.97	1811.43	6-Sep NM_019942	NM_019942	
156	1452427_s_at	0.000555	1671.37	2229.73	AW742319	BM950003	NM_021345
157	1421622_a_at	0.000556	1587.83	2616.03	Rapgef4	NM_019688	NM_019688
158	1421961_a_at	0.00056	440.17	1048.93	Dnaib5	AI664344	NM_019874
159	1417271_a_at	0.000565	332.2	611.67	Eng	NM_007932	NM_007932
160	1419398_a_at	0.00057	2634.47	4666.3	Dpi	NM_007874	NM_007874
161	1426764_at	0.00057	2582.87	3341.13	Oaz2	AW214584	NM_010952
162	1449504_at	0.000579	422.83	734.8	Kpna1	U20619	NM_008465
163	1451872_a_at	0.000586	275.87	465.4	Neur1	AF400063	NM_021360
164	1445518_at	0.00059	113.63	179.9	Zfx1b	BG061923	NM_015753
165	1439740_s_at	0.000592	539.67	735.73	AI481316	AV018180	---
166	1425337_at	0.000596	1655.9	2960.47	Slc12a5	BF468072	NM_020333
167	1450247_a_at	0.000598	1020.83	2164.93	Scamp5	NM_020270	NM_020270
168	1422407_s_at	0.000599	1945.93	3331.57	Hras1	NM_008284	NM_008284
169	1445004_a_at	0.000601	61.3	159.33	A330068P14R1k	AW822930	NM_001024927
170	1445473_at	0.000604	533.13	1144.47	Diras2	LOC544932	BM229114
171	1430615_at	0.000608	135.07	254.9	LOC545577	AK014905	XM_619971
172	1423222_at	0.000611	1829.4	3021.27	Cap2	AV261931	NM_026056
173	1448335_s_at	0.000613	3978.03	5090.6	Ccni	NM_017367	NM_017367
174	1454769_at	0.000628	108.37	255.77	Tatdn2	BB314680	NM_001033463
175	1451795_at	0.000647	416.33	922.1	Tom1l2	BM226574	NM_153080
176	1449961_at	0.000653	789.33	1748	Rph3a	NM_011286	NM_011286
177	1435741_at	0.000673	1906.23	2127.8	Pde8b	BB312125	NM_172263
178	1426508_at	0.000675	1376.17	2339.7	Gfap	BB183081	NM_010277
179	1448956_at	0.000676	1630.9	2805.2	Stard10	NM_019990	NM_019990
180	1428048_at	0.000677	32.2	66.43	BC027582	---	
181	1435234_at	0.000678	359.97	462.17	Ncoa2	BM234716	NM_008678
182	1425405_a_at	0.000679	494.6	776.33	Adar	AF291876	NM_019655
183	1449552_at	0.000681	823.13	2252.67	Zfr	NM_011767	NM_011767
184	1434222_at	0.000681	1013.07	1322	Sipa1l1	BI153574	NM_172579
185	1422735_at	0.000683	124.1	214.7	Foxq1	NM_008239	NM_008239
186	1451917_a_at	0.000685	492.77	993.63	Dcamk1l	AF155820	NM_019978
187	1416601_a_at	0.000686	494.97	654.73	Dscr1	AF282255	NM_019466
188	1450863_a_at	0.000693	8891.03	11188.57	Dcamk1l	BQ174703	NM_019978
189	1419155_a_at	0.000695	570.4	765.07	Sox4	AI428101	NM_009238
190	1417462_at	0.000698	2856.07	3616.27	Cap1	NM_007598	NM_007598
191	1432411_a_at	0.000702	366.93	608.93	Fbxw2	AK009893	NM_013890
192	1428964_at	0.000704	1266.7	1715.17	Slc25a18	AK005250	XM_110620
193	1447634_x_at	0.000714	94.43	141	Chc1l	BB091862	XM_134083

Table 10

194	1416786_at	0.000715	378.6	647.37	Acvrl	NM_007394	NM_007394	
195	1450728_at	0.000715	620.07	1031.5	Fjxl	AV230815	NM_010218	
196	1453414_at	0.000716	93.6	156.23	ype12	BB133023	NM_001005341	
197	1416701_at	0.000736	399.67	661.17	Rnd3	BC009002	NM_028810	
198	1426805_at	0.000736	640.3	880.57	Smarca4	AW701251	NM_011417	
199	1434467_at	0.000736	653.67	970.37	Atcay	BQ042885	NM_178662	
200	1434902_at	0.00074	679.97	1051.23	Rnf157	BB163668	XM_126776	
201	1424146_at	0.00075	3840.03	5767.03	Gpr3711	AB016602	NM_134438	
202	1452344_at	0.000756	844.7	973.97	Synj2	BB944213	NM_011523	
203	1427688_a_at	0.000758	394.03	1152.97	Ptpnrs	D28531	NM_011218	
204	1422754_at	0.000763	565.1	772.57	Tmod1	NM_021883	NM_021883	
205	1450243_a_at	0.000786	606	1087.17	Decor11	NM_030598	NM_030598	/// NM_207649
206	1421060_at	0.000791	234.57	351.43	Mlt1	AF312858	NM_022328	
207	1435134_at	0.000792	475.03	667.43	Aadac11	AV369935	NM_178772	
208	1415804_at	0.000799	3296.83	5976.37	Cx3c11	AF010586	NM_009142	
209	1431420_s_at	0.000799	2993.27	3876.57		2610524G07Rik	BI082843	NM_025596
210	1439518_at	0.000799	51.77	66.23	Mmrn2	AV319507	NM_153127	
211	1417313_at	0.000804	679.37	961.6	Lsm7	NM_025349	NM_025349	
212	1422966_a_at	0.000807	625.9	1031.73	Tfrc	BB810450	NM_011638	
213	1460042_at	0.000807	32.93	194.57	S1c23a3	AV293965	NM_194333	
214	1423039_a_at	0.00081	2202.47	2805.47	Bzwl	AV144956	NM_025824	
215	1448378_at	0.00081	1290.5	3224.2	Fscn1	NM_007984	NM_007984	
216	1423231_at	0.000813	8323.87	19322.3	Nrgn	AK002933	NM_022029	
217	1425660_at	0.000815	996.4	1379.6	Bcbd3	BC018174	NM_001025431	/// NM_145534
218	1420945_at	0.000817	305.33	490.5	Atfx	BB825830	NM_009530	
219	1441793_at	0.000818	398.83	477.53	Rnf39	BB824091	XM_359278	/// XM_359291
220	1439647_at	0.000824	442.27	614.9	LOC433698	LOC545611	AV257990	XM_485371
221	1428089_at	0.000827	3225.37	4316.33	S1lfrk1	AK014285	NM_199065	
222	1436150_at	0.000828	1622	2895.9	2310028H24Rik	BB391675	---	
223	1436195_at	0.000836	348.33	636.37	BC046404	BM933144	NM_198861	
224	1439741_x_at	0.000838	99.63	200.83	AI481316	AU018180	---	
225	1429299_at	0.000846	262.03	550	Dahl1	BE283964	NM_026993	
226	1459288_at	0.000846	801.3	1313.13	Kcnd2	BB472451	NM_019697	
227	1453988_a_at	0.000852	301.33	417.5	Ide	AK014703	NM_031156	
228	1415803_at	0.000854	9912.27	14833.3	Cx3c11	AF010586	NM_009142	
229	1430307_a_at	0.000857	1277.53	1648.8	Mod1	AK006387	NM_008615	
230	1436515_at	0.000864	332	491.1	EB030004N02Rik	BB529913	---	
231	1433821_at	0.000865	336.6	469.6	1110012D08Rik	BB489180	NM_178066	
232	1455714_at	0.000879	1507.43	3193.13	Gm691	BQ174072	NM_198627	
233	1437386_at	0.000888	1709.2	3225.83	Lrrn6a	BQ176787	NM_181074	

Table 10

234	1430829_s_at	0.00089	445.07	865.07	MGI:1347093	AK016860	NM_011936
235	1418938_at	0.000901	228.03	400.53	Dio2	AF177196	NM_010050
236	1423584_at	0.000907	728.17	1283.37	Igfbp7	AI481026	NM_008048
237	1450147_at	0.000907	882.1	2199.37	Nptxr	BI733611	NM_030689
238	1421025_at	0.000913	425	712.47	Agpat1	BB524140	NM_018862
239	1430607_at	0.000917	167	452.5	4930505D03Rik	BB279598	NM_137322
240	1421768_a_at	0.000927	709.77	1243.73	Home1	NM_011982	NM_011982
241	1448332_at	0.000931	860.2	1224.17	Pex19	NM_023041	NM_023041
242	1417933_at	0.000937	1204.13	2089.07	Igfbp6	NM_008344	NM_008344
243	1428129_at	0.000939	250.4	344.7	Iman1	BG071597	NM_027400
244	1433445_x_at	0.000947	5619.07	8480.87	Hmgcs1	BE705380	NM_145942
245	1417613_at	0.00095	302.87	612.13	Iers	BF147705	NM_010500
246	1458622_at	0.00095	5573.77	6296.7	Ntrk2	AW121243	NM_001025074
247	1422136_at	0.000953	122.87	315.07	Uhmkl	AW012751	NM_010633
248	1425805_a_at	0.00097	205.47	379.77	Usp12	AF441835	NM_011669
249	1450143_at	0.000988	1564.8	2934.73	Rasgrp1	BB354696	NM_011246
250	1441331_at	0.001003	575.2	911.8	A23061C15Rik	BB153043	---
251	1426249_at	0.001012	3235.63	4548.83	Adrbk1	AF333028	NM_130863
252	1428723_at	0.001012	348.8	511.43	2310047M10Rik	AK009886	NM_484040
253	1424480_s_at	0.001018	139.1	251.53	Akt2	BC026151	NM_007434
254	1445151_at	0.00102	101.73	286.53	BB377000	---	---
255	1427053_at	0.00102	101.73	286.53	D930038M13Rik	BC026627	NM_001014399
NM_001014423	/// NM_001014424	/// NM_178790					/// NM_001014422
256	1419285_s_at	0.00104	512.03	649.17	Cyhr1	NM_019396	NM_019396
257	1436343_at	0.001044	193.47	317.27	Chd4	BM502696	NM_145979
258	1440039_at	0.001049	52.13	120.73	Brwd3	BB547222	NM_356350
259	1416222_at	0.001052	819.1	998.13	Nsdh1	BC019945	NM_010941
260	1422044_at	0.001056	150.37	279.47	Ndst1	AF074926	NM_008306
261	1452753_at	0.001061	1373.57	1858.43	Foxk2	BM206907	NM_126489
262	1424638_at	0.001069	294.97	787.77	Cdkn1a	AK007630	NM_007669
263	1433491_at	0.001069	546.37	651.7	Epb4.112	BE951907	NM_013511
264	1432184_a_at	0.001071	252.4	573.57	2610204M08Rik	AK011884	NM_198411
265	1431037_a_at	0.001074	384.97	521.47	Elavl1	AK011870	NM_010485
266	1451046_at	0.001077	537.6	842.23	Zfpml	AA014267	NM_009569
267	1420533_at	0.001079	590.1	988.2	Gucyl1a3	AK004815	NM_021896
268	1436532_at	0.001079	822.53	1057.27	Dcamk13	BB326709	NM_172928
269	1418706_at	0.001081	709.37	1084.33	Slc38a3	NM_023805	NM_023805
270	1448384_at	0.001082	201.1	330.03	Pofut2	BC018194	NM_030262
271	1423940_at	0.001102	435.53	630.97	Yifia	BC011117	NM_026553
272	1455741_a_at	0.001102	575.63	948.73	Ecel	AW553715	NM_199307

Table 10

273	1429764_at	0.001102	342.73	586.33	1500005K14R1k	BF101721	---
274	1422367_at	0.001103	49.37	71.53	Q1fr70	NM_019485	NM_019485
275	1427685_a_at	0.001103	773.9	1114.2	Synj2	AF041858	NM_011523
276	1420670_at	0.001106	372.47	786.4	Arnt2	A1428888	NM_007488
277	1420720_at	0.001113	475.67	1773.13	Nptx2	NM_016789	NM_016789
278	1450184_s_at	0.001113	852.57	1039.6	Tef	NM_017376	NM_017376
279	1436383_at	0.001116	4234.33	6456.23	Cplx2	BE946238	NM_009946
280	1439553_s_at	0.001116	921.5	1256.8	Nutrf2	AU018817	NM_026532
281	1442883_s_at	0.001117	3416.2	5168.4	D10Bwg1364e	BI413749	NM_145421
282	1434595_at	0.00112	1660.63	2646.97	Trim9	BQ174474	NM_053167
283	1415801_at	0.001121	1109.23	1675.33	Gjal	M63801	NM_010288
284	1447945_at	0.001126	98.2	218.7	Maf	BI466869	NM_001025577
285	1428158_at	0.001149	992.37	1273.27	Akt1s1	BM068933	NM_026270
286	1428356_at	0.001149	458.9	705.37	Osbp2	A1326285	NM_152818
287	1425671_at	0.00116	126.33	421.53	Homer1	AF093257	NM_011982
288	1444723_at	0.001166	623.87	832.6	6530418L21R1k	BB049759	NM_023279
289	1415978_at	0.001167	2596.5	3659.23	Tubb3	NM_023279	NM_175398
290	1435780_at	0.001167	2572.2	3756.47	Psd	BG966595	NM_028627
291	1422799_at	0.001174	1762.17	3188.1	Bat2	AK019427	NM_020027
292	1448817_at	0.001175	359.87	746.9	Otub1	NM_134150	NM_134150
293	1423550_at	0.001176	674.83	993	Slc1a4	BB277461	NM_018861
294	1422167_at	0.001178	48.93	137.47	Sema5a	NM_009154	NM_009154
295	1450520_at	0.001188	2207.5	3136.17	Cacng3	NM_019430	NM_019430
296	1448346_at	0.0012	6945.37	12597.07	Cfhl	NM_007687	NM_007687
297	1451630_at	0.001201	684.8	970.77	Ttl	BC018513	NM_027192
298	1421349_x_at	0.001212	3452.53	4773.77	1500001H12R1k		NM_021316
299	1448207_at	0.001217	417.7	776.03	Laspl	BC010840	NM_010688
300	1418181_at	0.001222	610.37	898.4	Ptp4a3	AK014601	NM_008975
301	1449980_a_at	0.001225	1320.77	1904.63	Gabrd	NM_008072	NM_008072
302	1429038_at	0.001239	1172.87	1492.87	1500034J01R1k	BI904336	XM_356085
303	1455462_at	0.001246	3133.73	4038	Adcy2	AV025455	NM_153534
304	1436381_at	0.001246	2173.7	3260.27	Dlgap3	BQ175774	NM_198618
305	1429884_at	0.001249	690.33	809.43	Srgap2	AK005172	XM_129445
306	1435868_at	0.001249	389.27	725.53	Ankrd13c	BI794218	NM_001013806
307	1426128_a_at	0.00125	268.6	399.83	Kcnq2	AB000502	NM_001003824
	NM_001006669	/// NM_001006674	/// NM_001006675	/// NM_001006676	/// NM_001006677	/// NM_001006678	/// NM_001006679
	NM_001006680	/// NM_010611					
308	1455896_a_at	0.00126	1511.83	2037.43	Kcnk1	AU043100	NM_008430
309	1434932_at	0.001273	534.47	919.53	Adarb1	BI734168	NM_001024837
	NM_001024840	/// NM_130895					/// NM_001024838
							/// NM_001024839

Table 10

310	1437037_x_at	0.001275	111.77	297.47	AL033314	BB240087	NM_019776
311	1435367_at	0.001286	1154.3	1738.4	Mapk4	BQ177154	NM_172632
312	1435902_at	0.001289	1822.87	2325.47	Nucf18	BM120193	NM_153136
313	1425212_a_at	0.001291	334.83	568.2	Tnfrsf19	AF167554	NM_013869
314	1433886_at	0.001291	1087.83	1254.47	Elf2b5	AI327005	NM_172265
315	1425870_a_at	0.001292	930.07	1336.97	Kcniip2	AF439339	NM_030716 /// NM_145703 /// NM_145704
316	1460186_at	0.001293	2440.13	2866.33	MGI:1914262	AV061337	NM_133352 /// NM_178146
317	1426310_at	0.001297	450.47	598.27	Zdhhc5	AV241525	NM_144887
318	1442404_at	0.001299	156.77	253.47	Mcl	BB624790	NM_010880
319	1455400_at	0.0013	776.87	1081.53	Ddahl	BB770857	NM_026993
320	1434381_at	0.001332	471.2	631.03	BC060631	AV287602	NM_177700
321	1415988_at	0.001335	162	390.67	Hdlbp	BG065877	NM_133808
322	1428354_at	0.001339	829.43	1196.93	Foxk2	BM206907	NM_126489
323	1419473_a_at	0.001343	7613.93	10120.73	Cck	NM_031161	NM_031161
324	1431422_a_at	0.001346	2302.53	3280.47	Dusp14	AK009744	NM_019819
325	1457968_at	0.001346	57.8	108.93	Twem23	BI499880	NM_144792
326	1434325_x_at	0.001349	17256.17	24930.6	Prkar1b	BB274009	NM_008923
327	1429455_at	0.001354	544.93	689.27	Gapyd1	BM123170	NM_025709
328	1440347_at	0.001362	79.1	141.57	Arhgap10	BG074665	NM_030113
329	1452308_a_at	0.001364	2539.7	3493.43	Atp1a2	BB462665	NM_178405
330	1420749_a_at	0.001367	94.37	176.3	Pou6f1	NM_010127	NM_010127
331	1456854_at	0.001367	151.63	230.57	Neur1	BB319030	NM_021360
332	1458123_at	0.001373	210.27	310.17	9630002A1Rik	EB124953	---
333	1460426_at	0.001375	175.73	325.27	9430063I05Rik	AI639670	NM_178080
334	1426744_at	0.001376	511.6	992.67	Srebf2	BM123132	NM_033218
335	1423586_at	0.001379	555.57	730.27	Axl	AA500897	NM_009465
336	1450122_at	0.001379	387.77	468.07	Pcpgrg	NM_008981	NM_008981
337	1460460_a_at	0.001379	733.03	985.03	Gorasp2	AK010664	NM_027352
338	1449187_at	0.001381	649.9	861.23	Pdgfra	BB371842	NM_008808
339	1440673_at	0.001389	56.6	95.5	A830027B17Rik	BB431289	---
340	1422102_a_at	0.001396	199.83	303.6	Stat5b	BC024319	NM_011489
341	1419077_at	0.001399	1032.23	1460.77	Mpp3	NM_007863	NM_007863
342	1433876_at	0.001409	541.1	718.9	6430402H13Rik	AY337650	NM_198119
343	1421962_at	0.001414	1194.3	2128.23	Dnajb5	AI664344	NM_019874
344	1423561_at	0.001418	2751.57	5737.9	Nel12	AI838010	NM_016743
345	1455192_at	0.001433	1019.87	1721.23	A230078I05Rik	BB385366	NM_177056
346	1417747_at	0.00144	3714.83	6924.63	Cplxl	BC014803	NM_007756
347	1431169_at	0.001441	72.2	119.13	D230012E17Rik	BG803764	---
348	1451072_a_at	0.001445	1099	1348.8	Rnf4	AV045658	NM_011278
349	1424990_at	0.001447	203.37	340.03	D730049H07Rik	BQ173909	NM_175423



10 of 38

Table 10

389	1452684_at	0.001657	436.37	674.17	Akt1s1	BM068933	NM_026270
390	1433802_at	0.00166	3221.03	6051.3	AW125688	BM114677	NM_001001885
391	1427113_s_at	0.001665	1587.93	2055.87	2700049H19R1k	AV127581	---
392	1431482_at	0.001671	172.93	214.83	2900012M01R1k	AV153257	---
393	1423929_at	0.001674	450.37	634.43	Phgdh11	BC024467	---
394	1460566_at	0.001684	3571.93	5918.03	LOC545454	BB765000	XM_619804
395	1423389_at	0.001687	365.9	476.6	Smad7	BF226166	NM_008543
396	1425698_a_at	0.001693	349.87	499.6	NGI:2675296	AP408398	NM_145151
397	1423290_at	0.001696	411.3	654.73	Hyoul	BM231738	NM_021395
398	1448605_at	0.001699	106.43	218.37	Rhoc	NM_007484	NM_007484
399	1451753_at	0.00173	657.33	991.7	Plxn2	D86949	NM_008882
400	1423785_at	0.001734	2201.47	2699.87	Egln1	BE995700	NM_053207
401	1431691_a_at	0.001752	425.93	573.27	Rab31	AK007048	NM_133685
402	1417374_at	0.001759	9147.6	11395.8	Tuba4	AW491660	NM_009447
403	1452399_at	0.001762	261.47	429.43	Rgs6	BB274058	NM_015812
404	1423049_a_at	0.001766	788.4	1160.8	Tpm1	AK002271	NM_024427
405	1424661_at	0.001766	796.17	1018.93	Pmpca	AK004549	NM_173180
406	1415823_at	0.001767	5665.23	8010.97	Scd2	BG060909	NM_009128
407	1439251_at	0.001772	187.7	351.67	Idua	BI133445	NM_008325
408	1436299_at	0.001774	953.4	1139.9	Gls	BE373308	XM_129846
409	1448851_a_at	0.001777	1364.1	1666.23	Dnajc5	AK012029	NM_016775
410	1439488_at	0.001785	276.63	555.5	Doc11	AW552804	NM_199322
411	1455732_at	0.001785	1382.5	1541.9	1700025G04R1k	AV121892	NM_197990
412	1453712_a_at	0.001789	249.6	341.13	Map2k5	BB828559	NM_011840
413	1451666_at	0.001792	2544.27	3066.27	Acly	BI456232	NM_134037
414	1429187_at	0.001794	1177.37	1429.4	Tmed7	AV306753	XM_128959
415	1451762_a_at	0.001814	852.87	1296.43	Kif1b	AB023656	NM_008441
416	1441718_at	0.001815	108.33	221.37	443241IE13R1k	BB283834	XM_196130
417	1424222_s_at	0.001817	1273.03	2073.5	Rad23b	BC006751	NM_009011
418	1418292_at	0.001827	3164.8	3659.37	Asna1	NM_019652	NM_019652
419	1454012_a_at	0.001827	402.43	562.27	Parp6	AK021076	XM_134863
420	1451122_at	0.001831	932.07	1286.07	Idi1	BC004801	NM_145360
421	1433460_at	0.001832	5019.03	6196.57	Ttc7b	BB329157	XM_127105
422	1440143_at	0.001832	222.17	495.57	F630022B06R1k	AI413722	NM_172822
423	145890_s_at	0.001836	6204.33	11852.77	1110008P14R1k	C79326	NM_198001
424	1426648_at	0.001844	427.6	646.63	Mapkapk2	BG918951	NM_008551
425	1426554_a_at	0.001846	7633.13	9723.03	Egaml	BI407347	NM_023418
426	1425176_at	0.001849	905.23	1320.93	C1ql3	BB768838	NM_153155
427	1455701_at	0.001849	1123.03	1670.1	Shx26	BI965517	NM_178252
428	1416891_at	0.001852	1464	1765.47	Numb	U70674	NM_010949

Table 10

429	1425833_a_at	0.001856	5082.2	7442.53	Hpca	AF326551	NM_010471
430	1423141_at	0.001862	75.2	168.13	Lip1	AI596237	NM_021460
431	1434635_at	0.001867	3440.23	7599.6	Rph3a	BM898651	NM_011286
432	1422134_at	0.001878	127.5	298.37	Fosb	NM_008036	NM_008036
433	1419736_a_at	0.001892	1535.87	1739.87	E1f1ay	NM_025437	NM_025437
434	1423737_at	0.001896	5540.27	6469.57	Ndufs3	BC027270	NM_026688
435	1431068_at	0.001898	343.47	498.23	1110007A06Rik	BI659732	NM_024288
436	1450838_x_at	0.001902	269.73	465.97	Rpl37	LOC383438	AV110626 NM_026069 /// XM_357054
437	1427730_a_at	0.001908	880.53	1043.03	Zfp148	AF316550	NM_011749
438	1460206_at	0.001909	433.53	1028.03	Grasp	NM_019518	NM_019518
439	1435166_at	0.001911	218.7	340.47	Cntn2	AV339091	NM_011531 /// NM_177129
440	1431530_a_at	0.001912	965.8	1766.03	Tspan5	AK015705	NM_019571
441	1437591_a_at	0.001916	922.8	1544.8	Wdr1	AW542545	NM_011715
442	1416287_at	0.001917	6182.53	7656.5	Rgs4	NM_009062	NM_009062
443	1452964_at	0.001933	1329.73	1954.5	4932702F08Rik	AK016577	XM_130221
444	1451950_a_at	0.001944	37.73	96.63	Cd80	D16220	NM_009855
445	1434973_at	0.001962	295.43	546.67	Car7	BE650380	NM_053070
446	1427188_at	0.001982	460.37	629.67	Arlh1	BB362210	NM_019927
447	1425621_at	0.001983	509.97	860.73	Trim35	AB060155	NM_029979
448	1449578_at	0.001987	454.07	520.33	Supl16h	AW536705	NM_033618
449	1448604_at	0.001989	239.67	452.33	Uck2	NM_030724	NM_030724
450	1416516_at	0.00199	532.97	1262.4	Fscn1	NM_007984	NM_007984
451	1428393_at	0.001991	8863.5	14074.53	Nrn1	AK003046	NM_153529
452	1426343_at	0.001996	472.3	806.8	1300006C19Rik	AK018758	NM_024222
453	1419737_a_at	0.001999	6172.5	8303.07	Ldh1	NM_010699	NM_010699
454	1453556_x_at	0.002	449.83	884.63	2410026K10Rik	AK002762	NM_025584
455	1416388_at	0.002002	596.87	934.13	Pip5k2c	NM_054097	NM_054097
456	1426757_at	0.002004	498.17	706.4	Ampd2	AK004759	NM_028779
457	1452783_at	0.002008	234	290.8	Fnac3b	AK005500	NM_173182
458	1450622_at	0.002017	383.83	526.17	Bcat1	NM_009954	NM_009954
459	1455963_at	0.002017	544.57	789.2	6332401O19Rik	AV317707	NM_177013
460	1448784_at	0.002031	2651.73	3641	Taf10	NM_020024	NM_020024
461	1443660_at	0.002031	166.4	291.2	BB750724	---	---
462	1427250_at	0.002039	10560.1	13209.33	Atp2a2	AA245637	NM_009722
463	1435579_at	0.002047	479.3	703.33	BM220110	---	---
464	1440547_at	0.002049	20.77	62.73	Cu11	BC066227	NM_012042
465	1417380_at	0.00205	351.33	545.1	Iqgap1	NM_016721	NM_016721
466	1421102_a_at	0.002073	242.97	344.6	Vamp3	NM_009498	NM_009498
467	1428222_at	0.002081	477.47	548.67	Dcamk12	AK018179	NM_027539
468	1422513_at	0.002086	127.37	237.47	Ccnf	NM_007634	NM_007634

Table 10

469	1418274_at	0.002098	1174.6	1490.13	NutF2	AA920031	NM_026532	
470	1433605_at	0.002099	788.37	948.73	ImpP5a	BB307136	NM_183144	
471	1432029_a_at	0.002101	1437.33	2090.7	Smad1	AK006817	NM_028534	
472	1459865_x_at	0.002108	399.3	1130.53	Ces7	AV278384	NM_001003951	
473	1418598_at	0.00211	251.23	377.9	Ubox5	NM_080562	NM_080562	
474	1454871_at	0.002129	303.53	595.67	Rbm15b	BB776868	NM_175402	
475	1434270_at	0.002138	8405.17	11672.1	Mptxr	AV221896	NM_030689	
476	1451894_a_at	0.002163	649.3	837.57	Scn8a	U26707	NM_011323	
477	1424059_at	0.002172	224.6	358.73	Suv420h2	BC024816	NM_146177	
478	1426502_s_at	0.002189	437.03	581.3	Gp11	AK008086	NM_182805	
479	1423721_at	0.002191	1093.7	1517.03	Tpm1	M22479	NM_024427	
480	AFEX-B10B-5_at	0.002201	520.6	766.67	biob	AFEX-B10B-5	---	
481	1435638_at	0.002213	2691.97	4024.47	Gsk3a	BG808297	NM_001031667	
482	1417664_a_at	0.002236	2889.2	3569.03	Ndrg3	BE631549	NM_013865	
483	1416562_at	0.00224	634.5	1056.5	Gad1	AF326547	NM_008077	
484	1419673_at	0.002246	138.53	294.77	Spock1	BB308491	NM_009262	
485	1452244_at	0.002247	151.63	252.9	Centd1	BB211194	NM_132099	
486	1446649_at	0.002247	113.73	214.37	Phf3	AW910425	NM_129836	
487	1426211_at	0.002257	173.73	389.83	Arhgap27	NM_133715	NM_618932	/// XM_618933
488	1416758_at	0.002263	420.63	599.97	Kctd15	BB091366	NM_146188	
490	1431646_a_at	0.002278	1163.03	1634.1	Stx6	AK009690	NM_021433	
491	1423054_at	0.002283	134.33	183.57	Wdr1	AK004644	NM_011715	
492	1416782_s_at	0.002284	538.63	1078.27	Stac2	BC024864	NM_146028	
493	1424581_at	0.002285	815.63	1316.07	Ocutb1	NM_134150	NM_134150	
494	1417705_at	0.002288	2061.2	2657.4	Iqsec3	AU067690	NM_145005	
495	1437912_at	0.00229	243.63	392.7	Dut	AF091101	NM_023595	
496	1419269_at	0.002297	1733.63	2210.57	Sh3gl2	AF326561	NM_019535	
497	1449228_at	0.002301	6778.97	7899.87	D1gh1	BQ176806	NM_007862	
498	1415691_at	0.002303	604.77	805.8	BE51033	NM_026708		
499	1452132_at	0.002304	543.53	822.8	Gmg2	BB522409	NM_010315	
500	1418451_at	0.00231	118.77	163.03	5730557B15Rik	BF783162	NM_026153	/// NM_027496
501	1425461_at	0.002314	632.2	875.23	Fdxw11	AY038079	NM_134015	
502	1438679_at	0.002321	291.97	493.37	Trim8	AI843272	NM_053100	
503	1460393_a_at	0.002324	422.3	719.7	Dusp7	BE136125	NM_153459	
504	1421053_at	0.00233	1510.23	2742.87	Rif1a	NM_008440	NM_008440	
505	1451992_at	0.002335	1637.7	2355.17	Adrbk1	AF333028	NM_130863	

14 of 38

Table 10

549	1439359_x_at	0.002613	100.37	210.03	Nrxn1	BF465348	NM_020252
550	1416235_at	0.002617	804.33	1133.67	AA959742	AW476171	NM_133807
551	1426458_at	0.002622	181.53	316.27	Slmap	BB473571	NM_032008
552	1442752_at	0.002629	267.33	401.57	---	BE650754	---
553	1434459_at	0.00263	725.2	887.77	BC057627	BF147898	NM_198631
554	1423294_at	0.002642	691	1151.5	Nest	AW553393	NM_008590
555	1453111_a_at	0.002654	601.57	913.07	D11Ert333e	AK019396	NM_026542
556	1443805_at	0.002655	204.5	438.07	---	AW122309	---
557	1434160_at	0.00266	154.1	279.8	Zfp592	BB478535	NM_178707
558	1460724_at	0.002663	997.5	2125.53	Ap2a1	NM_007458	NM_007458
559	1441902_x_at	0.002667	414.33	552.33	---	BB264298	---
560	1425326_at	0.002668	734.23	1187.8	Acly	BI456232	NM_134037
561	1437197_at	0.002671	2599.9	3234.93	Sorbs2	BB251748	NM_486103
562	1457040_at	0.002676	398.77	555.97	Lg12	BE947711	NM_144945
563	1424734_at	0.002679	289.37	414.6	Rasgrf1	AF169826	NM_011245
564	1451913_a_at	0.002681	76.9	223.17	Hyou1	BC019785	NM_021395
565	1428429_at	0.002682	383.57	577.8	Rgmb	AK04310	NM_178615
566	1450654_a_at	0.002684	688.5	864.83	Dhdds	BM233084	NM_026144
567	1455011_at	0.002686	252.17	386.63	Stard4	BG089858	NM_133774
568	1420140_at	0.002687	161.53	320.13	Bcdin3	AA407595	NM_144913
569	1435019_at	0.00269	3688.1	5218	Atxn713	BB532141	NM_126779
570	1425175_at	0.002699	1208.93	1446.4	C1q13	BB768838	NM_153155
571	1427261_at	0.0027	460.87	713.8	BC037006	BQ176786	NM_109956
572	1445521_at	0.002728	355.37	457.87	Elavl1	BB755434	NM_010485
573	1435650_at	0.002738	679.43	1233.97	Hapln4	BB082407	NM_177900
574	1451708_at	0.002742	42.33	94.27	Gpr33	AF045766	NM_008159
575	1432918_at	0.002746	91.87	130.5	492151E18Rik	AK014868	---
576	1444020_at	0.002771	3688.37	5563.37	Cspg3	BM939365	NM_007789
577	1437918_at	0.002772	240.33	322.6	4930539E08Rik	AV374644	NM_172450
578	1438402_at	0.002786	499.4	748.97	9630050M13Rik	BB131315	NM_194000
579	1426824_at	0.002802	606.07	811.5	Psmc4	BM195254	NM_134013
580	1450007_at	0.002824	1233.5	1861.63	1500003O03Rik	NM_019769	NM_019769
581	1443896_at	0.002825	807.57	968.97	Tbc1d5	AW240761	NM_028162
582	1449129_a_at	0.00283	587.27	970.77	Csen	AF300870	NM_019789
583	1421348_a_at	0.002839	2545.73	3619.87	1500001H12Rik	NM_021316	NM_021316
584	1452484_at	0.00284	251.6	417.5	Car7	AF291660	NM_053070
585	1421024_at	0.002863	340.53	759.03	Agpat1	BB524140	NM_018862
586	1458443_at	0.00287	210.9	325.63	Mecp1	BE986758	NM_001004062
587	1423849_a_at	0.00288	611.97	763.4	Clk3	AF033565	NM_007713
588	1433388_at	0.002889	162.53	328.37	2900022M07Rik	AK013576	---

Table 10

589	1441312_at	0.002889	283.77	557.6	---	BE957323	---		
590	1431191_a_at	0.002891	3767.93	5758.5		Sytl1	AK018163	NM_009306	
591	1427110_at	0.002911	192.87	376	1300006N24R1k	BG145492	NM_027911		
592	1451803_a_at	0.002915	867.2	1335.03		Vegfb	U48800	NM_011697	
593	1427895_at	0.00292	579.53	729.03	2310004N24R1k	AK009156			
594	1422622_at	0.002922	327.57	497.87	Nos3	NM_008713	NM_008713		
595	1450012_x_at	0.002922	15138.13	17491.67	Ywhag	NM_018871	NM_018871		
596	1434761_at	0.00293	740.4	980.87	Irtnm3	BM224801	NM_178678		
597	1426314_at	0.002931	311.27	498.47	Ednrb	BB770914	NM_007904		
598	1452377_at	0.002933	412.9	576.83	Mll	AK017541	NM_110671		
599	1423363_at	0.002948	422.47	711.93	Sort1	AV247637	NM_019972		
600	1426667_a_at	0.002954	1197.9	1744.37	Unc84a	BG071740	NM_024451		
601	1437398_a_at	0.00296	335.3	405.83	Aldh9a1	BB703752	NM_019993		
602	1449273_at	0.00296	5277.47	6097.87	Cyfp2	NM_133769	NM_133769		
603	1436167_at	0.002963	549.53	806.1	LOC435684	BB798279	NM_001013829		
604	1436780_at	0.002963	233.1	597.07	Ogt	BG065325	NM_139144		
605	1421580_at	0.002968	166.83	431.37	Cntnap1	NM_016782	NM_016782		
606	1437882_s_at	0.002975	103.43	148.97	3110048L19R1k	6330416L07R1k	AV376276	NM_176962	
607	1447863_s_at	0.002977	336.43	618.5	Nr4a2	BB322941	NM_013613		
608	1450982_at	0.002989	793.2	1165.67	Slc9a3r1	BG066200	NM_012030		
609	1437311_at	0.003003	4187.23	5255.87	A930034L06R1k	BB281971	NM_175692		
610	1423816_at	0.003013	3581	6870.33	Cxclb	BC003436	NM_001018063		
611	1431064_at	0.003016	317.47	589.37	Dpp8	BF119821	NM_028906		
612	1416965_at	0.003017	6799	9456.17	Peskin	AF181560	NM_013892		
613	1420998_at	0.003017	524.27	944.13	Etv5	BG966751	NM_023794		
614	1424281_at	0.003017	423.17	620.47	Ubap2	BC007179	NM_026872		
615	1424651_at	0.00302	179.9	254.87	BC021611	BC021611	NM_144932		
616	1435558_at	0.003021	3481.87	5671.93	Bai2	BB351248	NM_173071		
617	1441607_at	0.003021	138.07	210.07	AU015603	BG075723	---		
618	1456043_at	0.003022	919.17	1453.77	Usp22	BE951601	NM_001004143		
619	1426577_a_at	0.003033	477.9	639.53	1810054G18R1k	BM570079	NM_029377		
620	1455436_at	0.00304	7675.6	10025.53	Dtras2	LOC544932	BM114282	NM_001024474	/// XM_619099
621	1452162_at	0.003046	859.3	1050.27	Wdr48	BE570732	NM_026236		
622	1427019_at	0.003049	1611.4	2118.93	Ptprz1	BC002298	NM_620293		
623	1452307_at	0.003061	525.97	905.73	Cables2	BB667491	NM_145851		
624	1452071_at	0.003065	875.97	1100.67	Slc4a4	BE55147	NM_018760		
625	1416074_a_at	0.00311	8333.33	12172.67	Rpl28	NM_009081	NM_009081		
626	1416986_a_at	0.00311	1105.53	1660.7	Ptpnsl	AB018194	NM_007547		

Table 10

627	1423075_at	0.00311	1001	1210.47	Iman2	AK004952	NM_025828		
628	1426341_at	0.003123	2589.97	3173.13	SLC1A3		BB357585	NM_148938	
629	1427408_a_at	0.003135	347.3	468.8	Thrap3		BC012655	NM_146153	
630	1452714_at	0.003142	300	396.2	1200003E16Rik		AK004560	NM_198294	
631	1447295_at	0.003148	116.13	184.9	Cutl1	BM244574	NM_009986	/// NM_198602	
632	1450086_at	0.003154	172.57	226.73	Gmeb1	AA024025	NM_020273		
633	1440407_at	0.003159	514.13	960.27	---	BE956823	---		
634	1452801_at	0.003166	246.27	328.13	Pigk	BB646655	NM_025662	/// NM_178016	
635	1419385_a_at	0.00317	924.7	979	Udgln1	NM_026842	NM_026842	/// NM_152234	
636	1429554_at	0.003174	1204.77	1646.33	Sdcag3	BF319466	NM_026563	/// NM_030155	
637	1451484_a_at	0.003183	7518.4	11284.97	Sym1	BC022954	NM_013680		
638	1440282_at	0.003187	35.57	88.73	Tulp4	2210038L17Rik	BB268998	NM_054040	
639	1422694_at	0.003202	3296.4	4115	Tcyh1	NM_021324	NM_001001454	/// NM_021324	
640	1453222_at	0.00321	277.03	478.97	Gsel	BE863648	NM_198671		
641	1447883_x_at	0.003213	10215.53	16057.2	Magp1c3a		BE299566	NM_025735	
642	1429545_at	0.003223	43.03	124.57	Ube2i	F830028017Rik	LOC546265	BM242612	NM_011665
643	1454250_at	0.003225	211.03	395.5	Sec1512	AK016259	NM_355790		/// XM_620954
644	1456547_at	0.003231	172.23	300.33	Sk1	BM119402	NM_011385		
645	1426509_s_at	0.003232	567.9	1092.03	Gfap	BB183081	NM_010277		
646	1429416_at	0.003238	2883.87	5217.63	Ttc9b	AK013779	NM_355870		
647	1455744_at	0.003246	330.3	458.83	LOC547127	BC076066	XM_621977		
648	1433604_x_at	0.003254	11007.33	15425.9	Aldoa	BC065457	NM_007438		
649	1434045_at	0.003259	615.37	984.2	---	BB354528	---		
650	AFFX-b-ActinMur/M12481_5	0.003263	12322.57	21627.13	Actb	AFFX-b-ActinMur/M12481_5			NM_007393
651	1451226_at	0.003268	996.4	1644.77	Pex6	BC003424	NM_145488		
652	1460400_at	0.003279	558.6	744	Spast	AK007793	NM_016962		
653	1460101_at	0.003279	221.3	425.97	Nrxn3	BG076361	NM_172544		
654	1456304_at	0.003299	196.7	365.57	Gm996	BF463551	NM_001005424		
655	1423392_at	0.003315	679.37	883.5	Clc4	BB398988	NM_013885		
656	1452742_at	0.003317	850.83	1170.73	2310001H13Rik		BB010301	NM_175114	
657	1423032_at	0.003328	351.87	640.63	Rpl39	AV107150	NM_026055		
658	1423210_a_at	0.003331	6051.87	7188.53	Nola3	AK004120	NM_025403		
659	1447703_x_at	0.003331	101.13	186.5	3110024A21Rik		AV214133	NM_024215	
660	1438067_at	0.003334	450.83	624.9	Nf1	BB526552	NM_010897		
661	1424633_at	0.003335	1115.77	1565.47	Camk1g		AF428262	NM_144817	
662	1422207_at	0.003349	64.3	133.37	Htr5a	NM_008314	NM_008314		
663	1451344_at	0.00335	412.8	659.53	BC025600	BC025600	NM_146162		
664	1426023_a_at	0.003361	359.23	486.7	Rabep1		AF248489	NM_019400	
665	1436337_at	0.003365	149.93	196.27	E030031F02Rik		BF453911	XM_485558	
666	1433324_at	0.003371	66.6	112.27	9330154F10Rik		AK020373	---	



Table 10

667	1434256_s_at	0.003375	513.17	602.9	Cd52	BM214378	NM_138651		
668	1447392_s_at	0.003379	98.63	212.27	Cpd	BB710395	NM_007754		
669	1444472_at	0.003383	128.43	183	Slk2	BB154631	NM_178710		
670	1460383_at	0.003386	61.43	153.57	Gnao1	M36778	NM_010308		
671	1416719_a_at	0.003398	8719.13	11479.7	Rps10	LOC545151	NM_025963	NM_025963	/// XM_619383
672	1426617_a_at	0.003403	2392.53	3595.97	Ttyh1	BB560071	NM_001001454	/// NM_021324	
673	1421673_s_at	0.003404	66.2	123.1	Stx1b2	Stx1b1	NM_024414	NM_019560	/// NM_024414
674	1416568_a_at	0.003408	524.73	698.27	Ac1n1	AW228855	NM_019567	/// NM_023190	
675	1437944_at	0.00341	246.67	542.4	Shc2	BT714008	XM_125779		
676	1449511_a_at	0.003414	1838.53	2719.37	Ssdpr4	NM_133772	NM_133772		
677	1425368_a_at	0.003429	238.1	429.63	Numb	AF169192	NM_010949		
678	1447229_x_at	0.003439	277.77	405.7	Paccsin3	BM248411	NM_028733	/// NM_030880	
679	1424952_at	0.003442	124.77	258.73	Ociad1	BC006937	NM_023429		
680	1451667_at	0.003448	325.57	441.07	C530043G2IRik	BG060641	NM_145413		
681	1418214_at	0.003456	1150.53	2536.4	Kl1c2	NM_008451	NM_008451		
682	1452485_at	0.003461	69.77	246.6	Phosphol	AV457190	NM_153104		
683	1456875_at	0.003468	317.4	438.57	1810013L2ARik	AV232053	XM_148044	/// XM_622721	
684	1447449_at	0.00348	152.03	284.9	BE983114	---			
685	1450458_at	0.003485	122.03	220.97	NCoa2	AF000582	NM_008678		
686	1428826_at	0.0035	140.43	186.37	Nr6a1	AK007201	NM_010264		
687	1434612_s_at	0.003517	1277.43	1735.97	Spnol	BE947961	XM_355637		
688	1425539_a_at	0.003529	6725.93	8465.43	Rtn3	AB046114	NM_001003930	/// NM_001003933	/// NM_001003934
NM_053076									
689	1434415_at	0.003541	3143.07	4643.17	---	BB797871	---		
690	1460279_a_at	0.003546	1759.6	1978.2	Gtfe2i	AF043219	NM_010365		
691	1425130_a_at	0.003571	448.47	801.23	Pcpn5	U28216	NM_013643		
692	1415965_at	0.003573	172.77	346	Scd1	NM_009127	NM_009127		
693	1455760_at	0.003575	363.1	640.4	Gm696	BB749107	XM_204297		
694	1422969_s_at	0.00358	590.1	802.53	Ithpk1	NM_013785	NM_013785		
695	1436713_s_at	0.003586	4608.5	5829.2	Gt12	BM119226	NM_144513		
696	1423053_at	0.003587	2179.5	2368.97	Arf4	BT553265	NM_007479		
697	1422661_at	0.003588	319.7	376.27	Igal1s8	AT987967	NM_018886		
698	1451724_at	0.003602	488.97	602.57	Ankmy2	BC024959	NM_146033	/// NM_178910	
699	1427385_s_at	0.003603	233.5	596	Actn1	BC003232	NM_134156		
700	1436845_at	0.003613	434.53	709.67	Axin2	BB398993	NM_015732		
701	1438363_at	0.00362	415	643.73	LOC434128	BB332375	XM_485870		
702	1417969_at	0.003629	1064.6	1227.13	Fpxo31	NM_133765	NM_133765		
703	1445878_at	0.003633	62.13	114	C92000601IRik	BE630205	XM_489286		
704	1450903_at	0.003642	1614.03	2769.13	Rad23b	BT138887	NM_009011		

Table 10

705	1454051_at	0.003653	339.63	526.77	2600011E07Rik	AK011185	NM_028113	
706	1438686_at	0.003656	200.07	329.67	Elf4g1	LOC547244	BB531220	NM_001005331 /// NM_145941 ///
XM_622620								
707	1451738_at	0.003658	1274.7	1502.9	Ogt	AF363030	NM_139144	
708	1436703_x_at	0.003662	1681.1	2970.6	Snape2	BB461550	NM_133968	
709	1433417_at	0.003663	64.2	122.7	8030497021Rik	AK020225	---	
710	1440676_at	0.00367	59.6	116.03	A830043008Rik	BB269760	NM_173425	
711	1448657_a_at	0.003678	1192.1	1392.3	Dnajb10	NM_020266	NM_020266 /// NM_178055	
712	1450202_at	0.003681	1292.4	2031.03	Gtln1	NM_008169	NM_008169	
713	1425617_at	0.003684	353.4	510.33	Dhx9	U91922	NM_007842	
714	1426620_at	0.003686	904.3	1114.77	Chst10	BB549997	NM_145142	
715	1423343_at	0.003694	2129.87	3094.77	Slco1c1	BB667135	NM_021471	
716	1416521_at	0.003701	9417.9	15441.67	Sepw1	NM_009156	NM_009156	
717	1460278_a_at	0.003706	947.3	1249.83	D15Wsu75e	NM_134095	NM_134095	
718	1442021_at	0.00371	806.4	1063.2	Gnal	BB502545	NM_010307 /// NM_177137	
719	1423544_at	0.003721	1290.53	2015.4	Pcpn5	BB188812	NM_013643	
720	1451480_at	0.003728	270.37	418.33	E2f4	BC026649	NM_148952	
721	1422972_s_at	0.003738	657	920	Gcn5l2	NM_020004	NM_020004	
722	1448171_at	0.00374	180.2	271.67	Siah2	AA414485	NM_009174	
723	1455215_at	0.003746	701.83	1352.77	C530028021Rik	AU067746	NM_175696	
724	1416475_at	0.003762	774.47	1160.13	Ube2d2	NM_019912	NM_019912	
725	1421126_at	0.003776	146.13	318.97	Ryr2	NM_023868	NM_023868	
726	1421520_at	0.003778	100.77	153.87	Jph1	NM_020604	NM_020604	
727	1426641_at	0.003786	270.63	415.87	Trfb2	BB354684	NM_144551	
728	1421263_at	0.003793	277.2	407.03	Gabra3	NM_008067	NM_008067	
729	1452440_at	0.003807	274.67	346.63	Tnfrsf12	Tnfrsf12-tnfrsf13	BT730298	NM_001034097 /// NM_001034098
/// NM_011614								
730	1422801_at	0.00381	1308.37	1528.07	MGI:1351465	BC021156	NM_013716	
731	1460034_at	0.00382	641.4	1003.1	BC042901	BG063745	NM_175021	
732	1423630_at	0.00383	553.3	830.47	Cygb	BB899392	NM_030206	
733	AFPX-PyruCarbMur/L09192_MA	at 0.003834	217.8	337.67	Pcx	AFPX-PyruCarbMur/L09192_MA	NM_008797	
734	1450183_a_at	0.003834	215.27	303.8	Lmk	NM_008507	NM_008507	
735	1449018_at	0.00384	2575.17	3193.53	Pfn1	NM_011072	NM_011072	
736	1431385_a_at	0.003845	144.63	209.23	Mdtps1	AK002809	NM_019709	
737	1424468_s_at	0.003854	577.13	707.77	Phldb1	BC025856	NM_153537	
738	1453920_a_at	0.003855	122.87	179.87	Mospd2	BB000068	NM_136156	
739	1435867_at	0.003855	1060.37	1518.8	A630082K20Rik	BM244697	NM_145254	
740	1421324_a_at	0.003865	467.5	775.27	Akt2	NM_007434	NM_007434	
741	1460652_at	0.003867	610.73	828.7	Esrra	NM_007953	NM_007953	
742	1449380_at	0.003874	4496.9	7426.67	Facsim1	BT731319	NM_011861 /// NM_178365	

Table 10

743	1450379_at	0.003876	138.6	184.57	Msu	NM_010833	NM_010833	NM_020267	NM_020267
744	1421869_at	0.00388	225.23	388.27	Trim44	NM_020267	NM_020267	NM_020267	NM_020267
745	1450971_at	0.003899	224.33	422.57	Gadd45b	AK010420	NM_008655	NM_008655	NM_008655
746	1456682_at	0.003911	150.77	261.87	Ionrf2	AV221843	NM_001029878	NM_001029878	NM_001029878
747	1442824_at	0.003914	31.13	58.7	8030497T03Rik	BB071501	---	---	---
748	1449183_at	0.003918	1362.73	1552.53	Comt	NM_007744	NM_007744	NM_007744	NM_007744
749	1439120_at	0.00392	114.33	174.37	BC010304	BB324206	---	---	---
750	1428141_at	0.003925	664.53	860.57	Gga2	AK004632	NM_028758	NM_028758	NM_028758
751	1448812_at	0.003925	2096.2	3286.23	Hpcal1	NM_016677	NM_016677	NM_016677	NM_016677
752	1425187_at	0.003947	828.8	947.9	Sellh	BC026816	NM_011344	NM_011344	NM_011344
753	1439954_at	0.00395	221.07	412.13	6430514M23Rik	AT849139	---	---	---
754	1423365_at	0.003951	446.4	716.1	Cacnalg	AW494038	NM_009783	NM_009783	NM_009783
755	1443851_at	0.003956	154.57	288.73	8430415E04Rik	BE980275	NM_028980	NM_028980	NM_028980
756	1415921_a_at	0.003961	332.83	498.2	Thrfstf19	NM_013869	NM_013869	NM_013869	NM_013869
757	1421480_a_at	0.003962	153.13	396.83	Adarbl	NM_130895	NM_130895	NM_130895	NM_130895
NM_001024839 /// NM_001024840 /// NM_130895									
758	1434403_at	0.003971	2621.7	3411.17	Spredd2	AV229054	NM_033523	NM_033523	NM_033523
759	1433446_at	0.003987	1824.63	2728.9	Hmgcs1	BB705380	NM_145942	NM_145942	NM_145942
760	1457758_at	0.004015	164.67	298.7	Emy2	BB055459	NM_175009	NM_175009	NM_175009
761	1431081_a_at	0.004016	174	308.3	Plscr3	AK011716	NM_023564	NM_023564	NM_023564
762	1438500_at	0.004022	312.07	518.4	BE30206N24Rik	BE954519	NM_172487	NM_172487	NM_172487
763	1421535_a_at	0.004031	374.07	589.83	Pde4a	NM_019798	NM_019798	NM_019798	NM_019798
764	1423101_at	0.004035	868.47	1133.63	Pagrf4	BB279185	NM_023824	NM_023824	NM_023824
765	1422807_at	0.004036	936.97	1747.6	Arf5	NM_007480	NM_007480	NM_007480	NM_007480
766	AFFX-b-ActinMur/M12481_M	0.004051	834.87	1152.33	MGI:2446472	AF364868	NM_145579	NM_145579	NM_145579
767	1451592_at	0.004055	571.9	890.93	Cdc42bpa	BB518726	NM_173781	NM_173781	NM_173781
768	1436380_at	0.004055	571.9	890.93	CG42bpa	BB518726	NM_173781	NM_173781	NM_173781
769	1460617_s_at	0.00406	5505.8	7025.2	Rab6b	AV220161	NM_130317	NM_130317	NM_130317
770	1455271_at	0.004063	577.8	938.67	BB560177	BB560177	NM_130317	NM_130317	NM_130317
771	1459019_at	0.004074	1464.2	2023.1	Sprn	BB284188	NM_183147	NM_183147	NM_183147
772	1426081_a_at	0.004086	810.03	1469.8	Dio2	AF177197	NM_010050	NM_010050	NM_010050
773	1447982_at	0.004091	270.9	415.63	111008P14Rik	C79326	NM_198001	NM_198001	NM_198001
774	1423845_at	0.004096	602.7	955.4	Csdc2	BC016109	NM_145473	NM_145473	NM_145473
775	1421990_at	0.004098	7074.27	8637.27	Sytl	NM_009306	NM_009306	NM_009306	NM_009306
776	1448202_x_at	0.004103	3730.87	4180.3	2610524G07Rik	NM_025596	NM_025596	NM_025596	NM_025596
777	1441300_at	0.004103	402.87	673.93	Kcuf1	BB275623	NM_201531	NM_201531	NM_201531
778	1422936_at	0.004106	120.03	202.13	Mas1	NM_008552	NM_008552	NM_008552	NM_008552
779	1422984_at	0.004106	298.97	614.53	---	NM_009990	---	---	---
780	1425850_a_at	0.00414	406.47	475.73	Nek6	BC019524	NM_021606	NM_021606	NM_021606
781	1431207_at	0.004142	217.67	341.87	2900024O10Rik	BI988711	NM_028372	NM_028372	NM_028372

Table 10

782	1460237_at	0.004156	203.03	343.33	Trim8	BG063064	NM_053100
783	1456785_at	0.004184	638	814.53	Crsp2	BQ175889	NM_012005
784	1450915_at	0.004189	373.6	467.23	Ap3b1	BM222025	NM_009680
785	1450413_at	0.004216	155.97	287.73	Pdgfrb	BC023427	NM_011057
786	1433479_at	0.004222	375.97	447.27	5730410119Rik	AV030071	NM_025666
787	1433410_at	0.004223	45.97	93.53	C030014009Rik	AK021082	---
788	1416753_at	0.004232	8520.2	14075.67	Prkar1b	NM_008923	NM_008923
789	1416191_at	0.004248	529.43	846.3	Sec61a1	BC003707	NM_016906
790	1424956_at	0.004252	231.17	417.3	Ahdcl	BC019130	NM_146155
791	1425784_a_at	0.004259	10926.9	13549.33	Olfml1	D78264	NM_019498
792	1419190_at	0.00426	356.1	563.03	Vt1la	BC019386	NM_016862
793	1448739_x_at	0.004266	7456.73	10479.07	Rps18	NM_011296	NM_011296
794	1417480_at	0.004269	2362.33	2874.43	Fbxo9	NM_023605	NM_023605
795	1418794_at	0.004269	384.47	640.9	Cdcs2	BB487604	NM_138651
796	1438207_at	0.004272	271.03	447.27	Gbf1	BB744704	NM_178930
797	1440984_at	0.004274	48.13	81.03	5830435C13Rik	BE943712	NM_001001182
798	1427559_a_at	0.004277	676.33	997.97	Atf2	M31629	NM_001025093
799	1425572_a_at	0.004292	1475.53	2453.17	Ddef1	BE943736	NM_010026
800	1434610_at	0.004293	996.9	1473.67	Plec1	BM210485	NM_011117
NM_201388	/// NM_201389	/// NM_201390	/// NM_201391	/// NM_201392	/// NM_201393	/// NM_201394	/// NM_201385
801	1423907_a_at	0.004299	6707.1	8149.97	Ndufs8	BC021616	NM_144870
802	1418078_at	0.004315	761.73	1445.57	Psmc3	U60330	NM_011192
803	1451147_x_at	0.004327	544.33	911.4	Csdc2	BC016109	NM_145473
804	1437257_at	0.004334	386.43	524.9	Wdr47	BB344753	NM_181400
805	1426255_at	0.004336	9435.73	12697.13	Nefl	M20480	NM_010910
806	1416504_at	0.004341	264.1	391.1	Ulk1	AF072370	NM_009469
807	1460260_s_at	0.004353	1650.93	2012.03	Kpna1	U20619	NM_008465
808	1425106_a_at	0.004367	431	552.07	Wars	BC003450	NM_011710
809	1444488_at	0.004368	507.27	790.23	Cadps	BE982890	NM_012061
810	1455960_at	0.00438	316.23	461.2	Egfl5	BB483642	NM_172694
811	1459107_at	0.004381	1499.07	2525.77	Kcnh3	BG069378	NM_010601
812	1437300_at	0.004382	663.93	1093.3	MeF2d	BG067616	NM_133665
813	1457840_at	0.004384	162.9	251.93	Ptxna4	BG073521	NM_175750
814	1421215_a_at	0.004386	153.73	264.77	Slimap	NM_032008	NM_032008
815	1429719_at	0.00439	308.77	472.63	Foxp4	AK009204	NM_028767
816	1435651_a_at	0.004393	214.17	418.7	Smnrcad1	BM055692	NM_007958
817	1422119_at	0.004397	217.17	539.83	Rab5b	NM_011229	NM_011229
818	1423853_at	0.004412	6101.1	7438.33	6330527006Rik	BC004791	---
819	1452269_at	0.004412	6786.63	9905.13	Spnb3	AF026489	NM_021287
820	1444298_at	0.004412	572.43	799.43	A130090K04Rik	BB703415	---

Table 10

821	1459947_at	0.004415	88.5	175.8	Tyndcs	BB07036	NM_145367		
822	1422577_at	0.004429	1995.13	2595.47		Cs	AB056479	NM_026444	
823	1424053_a_at	0.00443	10946.33	15130	D8Ertcd325e	BC025071	NM_025804		
824	1459909_at	0.004436	440.77	851.37	Nfix	BI249259	NM_010906		
825	1452201_at	0.004439	161.73	381.93	Eps15	BG067649	NM_007943		
826	1419251_at	0.00448	881.3	1168.53	Imo1	NM_057173	NM_057173		
827	1418478_at	0.004486	219.23	354.43	Nfix2	BE949064	NM_020253		
828	1455499_at	0.004502	352.3	561.57	Ube2d3	BE070759	NM_025356		
829	1455480_s_at	0.004506	2125.27	2654.23	AK004710	NM_023055	/// NM_023449		
830	1428954_at	0.004509	193.57	415	S1c9a3r2	AK004710	NM_023055	/// NM_023449	
831	1433748_at	0.004513	475.23	538.27	Zdhc18	BG073303	NM_001017968		
832	1440130_at	0.004536	123.93	162.03	BB116930	BB484394	---		
833	1420980_at	0.004546	7876.23	9715.5	Pak1	BF456404	NM_011035		
834	1441894_s_at	0.004563	3927.47	5767.47	Grapsp	BB071890	NM_019518		
835	1431097_at	0.004584	104.57	162.63	Garn11	BF465935	NM_001003719	/// NM_019994	
836	1446392_at	0.004599	116.23	168.97	S1lt2	BB527337	NM_178804		
837	1439807_at	0.004606	69.73	108.47	Trmem74	BB816169	NM_175502		
838	1438017_at	0.004612	1045.1	1605.33	Rusc1	AV327629	NM_028188		
839	1453054_at	0.004621	1265.27	1618.13	Scamp1	BB704235	NM_029153		
840	1440274_at	0.00464	193.4	327.13	Rapgef4	BE948992	NM_019688		
841	1429591_at	0.004644	271.7	385.5	Tacc1	BB862546	NM_177089	/// NM_199323	
842	1451341_s_at	0.004646	189.43	220.53	AT840826	BE980134	NM_181815		
843	1429228_at	0.004657	212.03	306.17	Kcnipl	NM_027398	NM_027398		
844	1416785_at	0.004663	434.27	533.33	Atp5o	NM_138597	NM_138597		
845	1416278_a_at	0.004671	9059.33	10793.77	4930542G03Rik	BC005547	NM_146116		
846	1423642_at	0.004679	6511.63	8339.7	Zfp444	AK012846	NM_028316		
847	1430851_at	0.004679	173.73	360.03	Gps1	BC003350	NM_145370		
848	1415699_a_at	0.004687	3271.6	3765.5	Mapk8ip3	AF262046	NM_013931		
849	1416437_a_at	0.004691	1838.53	2705.97	Epb4.111	BB794965	NM_001003815	/// NM_001006664	/// NM_013510
850	1434575_at	0.004692	2563.27	3723.1	BE979238	NM_001004148			
851	1456384_at	0.004699	187.7	288.3	Nlgn3	BB308872	NM_172932		
852	1425600_a_at	0.00471	596.17	797.1	P1cb1	AW049748	NM_019677		
853	1459729_at	0.004716	177.7	394.27	S1c13a5	BE979238	NM_001004148		
854	1430777_a_at	0.004725	335.13	511.83	Golp3	AK014644	NM_025673		
855	1416256_a_at	0.004739	10257.5	13883.23	Tubb5	NM_011655	NM_011655		
856	1455571_x_at	0.004742	21506.27	28306.9	Calml	AV015462	NM_009790		
857	1434420_x_at	0.00476	416.53	571.37	Toimm22	AV102576	NM_172609		
858	1419224_at	0.004769	866.07	1253.93	Cecr6	NM_033567	NM_033567		
859	1436485_s_at	0.004769	68.37	179.53	Whrn	BG798811	NM_001008791	/// NM_001008792	/// NM_001008793
NM_001008794 /// NM_001008795 /// NM_001008796 /// NM_001008797 /// NM_001008798 /// NM_028640									

Table 10

860	1421568_at	0.004776	262.17	399.03	Kcna6	NM_013568	NM_013568	
861	1450866_a_at	0.004778	1135.97	1304.57	Mtp117	BQ179556	NM_025301	
862	1416750_at	0.004782	712.73	979.07	Opsr1	NM_011014	NM_011014	
863	1452812_at	0.004789	2572.9	4876.47	Lphn1	AA987131	NM_181039	
864	1439041_at	0.00479	2702.83	3275.93	Slc39a10	BM239325	NM_172653	
865	1423617_at	0.004798	845.7	945.87	Cog8	AA790871	NM_139229	
866	1452661_at	0.004804	3296.27	3883.17	Tfrc	AK011596	NM_011638	
867	1429979_a_at	0.004813	150.17	307.27	1810073N04Rik	AK007977	NM_024249	
868	1420632_a_at	0.00482	1125.53	1365.37	Bsc12	AF069954	NM_008144	
869	1452226_at	0.00482	229.43	420.83	Rcc2	AV122997	NM_173867	
870	1419680_a_at	0.004827	328.93	461.6	Elac2	NM_023479	NM_023479	
871	1448431_at	0.004834	441.77	667.9	Asb6	NM_133346	NM_133346	
872	1441867_x_at	0.004834	403.7	475.67	4930534B04Rik	AI480494	NM_181815	
873	1436011_at	0.004844	259.67	348.47	Elmo2	BB123652	NM_080287	/// NM_207704 /// NM_207705 /// NM_207706
874	1416365_at	0.004849	9529.6	11751.33	Hspcb	BI54147	NM_008302	
875	1418456_a_at	0.004858	1234.53	1905.5	Cxcl14	AF252873	NM_019568	
876	1428986_at	0.004861	6899.6	13251.63	Slc17a7	BQ175176	NM_182993	
877	1427328_a_at	0.004869	1580.13	2184.8	Ctasp2	BM221361	NM_029633	
878	1423031_at	0.00487	1020.4	1370.57	Maea	AV011036	NM_021500	
879	1452035_at	0.004873	645.23	769.97	Col4a1	BF158638	NM_009931	
880	1434255_at	0.004876	93.67	139.7	Pacs2	AV145060	NM_203601	
881	1445805_x_at	0.004882	1672.93	2595.4	Kcnh3	BG069378	NM_010601	
882	1430869_a_at	0.004892	607.53	951.7	Habp4	BF460630	NM_019986	
883	1427718_a_at	0.004898	546.83	608.27	Mgm2	X58876	NM_010786	
884	1417128_at	0.0049	412.4	729.43	2810052M02Rik	NM_023320	NM_023320	
885	1436053_at	0.004901	481.63	785.83	Tbc1d22b	BB272520	NM_198647	
886	1449107_at	0.004912	1286.83	1617.83	Nudt4	NM_027722	NM_027722	
887	1438199_at	0.004925	714.6	860.47	Al316807	AW228053	NM_001012667	
888	1420845_at	0.004927	430.37	547.77	Mpps2	AV031454	NM_080452	
889	1435652_a_at	0.004932	2453.9	2938.87	Gna12	BF228116	NM_008138	
890	1450804_at	0.004938	1865.97	2630	Klf5c	AI844677	NM_008449	
891	1417358_s_at	0.004943	194.23	306.97	Sorbs1	NM_009166	NM_001034962	/// NM_001034963 ///
892	1427307_a_at	0.004954	393.33	512.3	Dab1	BB644109	NM_010014	/// NM_177259
893	1421328_at	0.004957	1512.17	2153.3	Mcap2	A730034C02	BM937510	---
894	1416075_at	0.004959	280.27	362.7	Sav1	NM_022028	NM_022028	
895	1426560_a_at	0.004961	175.2	257.97	Npnt	AA223007	NM_001029836	/// NM_033525
896	1451839_a_at	0.004969	233.93	274	Pde7a	AY007702	NM_008802	
897	1425551_at	0.004971	370.5	579.33	Hip1r	AA590970	NM_145070	
898	1434893_at	0.004973	2707.9	3280.83	Atpl2	AI845177	NM_178405	

Table 10

899	1438309_at	0.004984	121.97	193.33	---	BB432539	---	
900	1424345_s_at	0.004991	1434.3	2247.47	Ube2m	BC021792	NM_145578	
901	1416050_a_at	0.004993	403.47	553.63	Scarb1	NM_016741	NM_016741	
902	1423283_at	0.004998	3895.17	4560.8	Pitpna	AA239637	NM_008850	
903	1416038_at	0.005001	760.6	1090.97	AL033314	NM_019776	NM_019776	
904	1417200_at	0.005002	1064.03	1347.6	130007B12Rik	AK007779	NM_020588	
905	1416493_at	0.005004	1718.5	2455.97	Dcost	NM_007838	NM_007838	
906	1423571_at	0.005013	1584.7	1819.27	Edg1	BB133079	NM_007901	
907	1452724_at	0.005016	661.7	999.77	Pppl1r16a	AK013817	NM_033371	
908	1455136_at	0.005019	3704.13	4546.47	Atpla2	AI845177	NM_178405	
909	1431164_at	0.005025	216.93	434.7	Rragd	AK017818	NM_027491	
910	1448348_at	0.005029	838	1008.07	Gpiapl	BE981338	NM_016739	
911	1441371_at	0.005031	533.93	834.4	Plxma4	BQ174019	NM_175750	
912	1420580_at	0.005036	264.47	407.63	4930429B21Rik	NM_026249	NM_026249	
913	1452834_at	0.005045	132	169.43	2600010E01Rik	AK011178	NM_175181	
914	1423409_a_at	0.005053	1790.77	2018.7	2500003M10Rik	BE692070	NM_023215	
915	1424871_s_at	0.005059	796.7	1051.6	1500031H01Rik	BC013706	XM_358753	/// XM_622593
916	1448153_at	0.005065	8652.47	12342.73	Cox5a	NM_007747	NM_007747	
917	1433450_at	0.005067	2411.17	2970	Cdk5r1	BB177836	NM_009871	
918	1438197_at	0.005068	296.53	439.7	AT854408	AV274318	NM_172538	
919	1424530_at	0.005077	370.4	626.73	Sec1412	BC005759	NM_144520	
920	1451110_at	0.005105	566.73	1033.97	Egln1	BE995700	NM_053207	
921	1429509_at	0.005109	391.73	607.7	BB771548	---		
922	1449188_at	0.005116	295.77	510.23	Midn	NM_021565	NM_021565	
923	1448411_at	0.005131	1239.47	1640	Wf61	NM_011716	NM_011716	
924	1417627_a_at	0.005137	408.07	475.2	Lamk1	NM_010717	NM_010717	
925	1451098_at	0.00514	876.53	1329.27	Pcoln3	BC010524	NM_145606	
926	1455168_a_at	0.005143	5953.4	7943	Gnb211	BM210111	NM_008143	
927	1425711_a_at	0.00515	868.5	1206.63	Akt1	M94335	NM_009652	
928	1420844_at	0.005157	306.97	558.83	Ubp1n2	AV171029	NM_018798	
929	1436320_at	0.005179	894.67	1566.57	W45978	---		
930	1436509_at	0.005179	260.03	386.4	2410014A08Rik	BB000110	NM_175403	
931	1423588_at	0.005181	1824.13	2563.63	Arpc4	BG145444	NM_026552	
932	1434412_x_at	0.005182	1446.07	2025.77	Stu1	AW490135	NM_019719	
933	1432589_at	0.005189	492.53	764.3	BF166706	---		
934	1417807_at	0.005196	237.2	321.73	2700038N03Rik	NM_027356	NM_027356	
935	1447228_at	0.005199	358.87	608.63	Pacsln3	BM248411	NM_028733	/// NM_030880
936	1439148_a_at	0.005201	2930.27	4101.37	PEKL	BE914497	NM_008826	
937	1423264_at	0.005213	737.93	1032.33	Bop1	BM213936	NM_013481	
938	1438638_x_at	0.005228	251.13	371.13	1700027J05Rik	BB195788	NM_027081	

Table 10

939	1425521_at	0.005229	668.67	752.07	Paip1	BC019726	NM_145457
940	1428549_at	0.005229	1091.73	1387	Ccdc3	AK009833	NM_028804
941	1441554_at	0.005229	55.5	125.77	4833446K15R1k	BB463760	---
942	1415746_at	0.005232	1441.8	2495.47	C1c	AF363690	NM_027882
943	1424117_at	0.005243	602.67	983.4	BC056474	BC024937	NM_001001493
944	1457793_a_at	0.005256	191.07	264.67	Whsc11	BB154130	XM_620640
945	1424203_at	0.005257	458.3	725.67	Ncln	BC019501	NM_134009
946	1435790_at	0.005268	1510.37	2631.67	Olfm2	BG64960	NM_173777
947	1425881_at	0.005276	56.6	107.7	Psg28	AF113598	NM_054063
948	1420837_at	0.005288	208.17	330.9	Ntrk2	AK018789	NM_001025074
949	1422168_a_at	0.005291	431.03	926.27	Bdnf	AY057913	NM_007540
950	1416492_at	0.005316	268.7	401.3	Ccnel	NM_007633	NM_007633
951	1451808_at	0.00532	780.3	1341.27	Kcnj4	U11075	NM_008427
952	1448242_at	0.00533	899.2	1330.2	Sec61a1	BC003707	NM_016906
953	1427045_at	0.005332	1958.37	2762.93	Synpo	AI849322	XM_619542
954	1431196_at	0.005341	398.3	609.23	Atp2c1	BG296252	NM_175025
955	1433888_at	0.005366	8730.97	10795.37	Atp2b2	AV343478	NM_009723
956	1416840_at	0.005371	2932.1	3745.97	Mid1ip1	NM_026524	NM_026524
957	1431226_a_at	0.005398	1035.53	1507.03	Fndc4	AK013203	NM_022424
958	1431469_a_at	0.005405	1271.2	1916.73	Cxcr5	AK015150	NM_133687
959	1448428_at	0.005413	352.83	556.7	Nb11	NM_008675	NM_008675
960	1448110_at	0.005415	441.47	762.17	Sema4a	NM_013658	NM_013658
961	1427980_at	0.005438	852.87	1341.57	4933407C03R1k	BB324697	---
962	1426108_s_at	0.005453	405.7	614.37	Cacnb1	AY094172	NM_031173
963	1426313_at	0.005462	995.4	1168.8	Bre	BE984258	NM_144541
							/// NM_181279
							/// NM_181280
							/// NM_181281
							/// NM_181282
964	1458866_at	0.005466	125.87	206.13	A930001M12R1k	BB277030	NM_177175
965	1417325_at	0.005469	240.2	331.6	Birc	NM_009771	NM_009771
966	1436702_at	0.005478	1569.77	2589.03	BC034068	BE989731	NM_001001985
967	1435736_x_at	0.005504	198.5	223.9	Rab14	AV205856	NM_025931
968	1434854_a_at	0.005507	5312.37	7453.03	Rps10	BB000887	NM_025963
969	1433554_at	0.005512	1622.07	1831.07	AU022870	BM246500	NM_177682
970	1423081_a_at	0.005514	1244.33	1492.97	Tom20	LOC546321	AK002902
971	1429023_at	0.005523	323.57	509.6	2900042E01R1k	AK013637	NM_175189
972	1437910_at	0.005527	227.77	372.27	Tmem39b	BI000109	NM_199305
973	1435070_at	0.005533	700.43	815.47	Aebp2	BQ174632	NM_001005605
974	1433603_at	0.005547	3846.23	4453.7	Ndufs6	C88200	NM_010888
975	1459363_at	0.005551	214	347.13	Sca2	AV318787	NM_009125
976	1418468_at	0.005552	217.4	312.67	Atxal1	NM_013469	NM_013469
977	1433209_at	0.005559	83.4	157.63	2210017G18R1k	AK008743	---



Table 10

978	1427100_at	0.005595	633.3	1189.77	Metrn	BE947704	NM_133719		
979	1422758_at	0.005609	884.7	1343.43	Chst2	NM_018763	NM_018763		
980	144869_a_at	0.005618	1092.1	1229.2	Mtpr16		NM_025440	NM_025440	
981	1442524_at	0.00562	117.77	214.9	---	AI836848	---		
982	1448218_s_at	0.005654	6179.33	8544.77	Ywhaz	AV027921	NM_011740		
983	1417205_at	0.005656	265.1	386.47	Kdelr2	AJ278133	NM_025841		
984	1436387_at	0.005683	2540.6	6342.33	C330006P03Rik	BB398124	---		
985	1421166_at	0.005687	320.37	510.37	Attn	NM_009730	NM_009730		
986	1415814_at	0.005688	11956.9	13571.8	Atp6v1b2	NM_007509	NM_007509		
987	1429568_x_at	0.005695	814.9	939.83	2510010F15Rik	AK007937	NM_026454		
988	1446484_at	0.005705	370.7	633.83	Mef2c	BB558401	NM_025282		
989	1452390_at	0.005708	188.67	319.63	AA881470	BB401486	NM_172724	/// NM_181066	
990	1424386_at	0.005712	690.27	1006.47	BC020184	BC020184	NM_144865		
991	1421388_at	0.005721	313.2	567.97	Mef2d	NM_133665	NM_133665		
992	1433671_at	0.005724	534.83	724.07	AI3002215Rik	BI149851	NM_175313		
993	1420968_at	0.005732	272.6	514.17	Btd14b	NM_025788	NM_025788		
994	1447346_s_at	0.005733	271.07	426.03	5530400B01Rik	AI593498	---		
995	1417862_at	0.005735	391.4	523.3	A830059I20Rik	NM_021427	NM_021427		
996	1453297_at	0.005737	2129.7	2781.4	4933417O08Rik	AK016850	NM_027694		
997	1418792_at	0.005738	3204.07	3781.07	Sh3g12	AF326561	NM_019535		
998	1422009_at	0.005745	2080.57	3399.93	Atplb2	NM_013415	NM_013415		
999	1431936_a_at	0.005761	213.47	320.63	Neu2	AK009828	NM_015750		
1000	1424767_at	0.005771	535.37	805.63	Cdh22	AB019618	NM_174988		
1001	1416443_a_at	0.00578	2692.07	3015.07	Uble1a		NM_019748	NM_019748	
1002	1416700_at	0.005787	672.9	1004.53	Rnd3	BC009002	NM_028810		
1003	1434801_x_at	0.005788	6434.73	8523.53	S1c25a5	AV026569	NM_007451		
1004	1460294_at	0.00579	157.73	239.2	Atp8a2	NM_015803	NM_015803		
1005	1429680_at	0.005793	242.9	341.33	1500010G04Rik	BF466228	NM_173366		
1006	1446048_at	0.005796	558.17	752.6	Cdh11	BG072720	NM_009866		
1007	1448698_at	0.005808	418.83	789.23	Ccnd1	NM_007631	NM_007631		
1008	1418467_at	0.005822	964.6	1307.63	Smardc3	NM_025891	NM_025891		
1009	1423810_at	0.005823	3263.03	5429.73	2700017M01Rik	BC014867	NM_028292		
1010	1451181_at	0.005832	213.93	500.93	2410008J05Rik	AF488729	NM_153776		
1011	1458213_at	0.005834	98.5	151.8	Nfat5	BB432268	NM_018823	/// NM_133957	
1012	1449405_at	0.005858	239.8	310.7	Tnfr1	NM_027884	XM_619639		
1013	1452105_a_at	0.005863	696.37	1033.9	Tec2	BB759096	NM_011647		
1014	1421063_s_at	0.005864	17842.27	20599.9	Snrpn	Snurf	NM_033174	NM_013670	/// NM_033174
1015	1418753_at	0.005879	330.43	513.13	Gfpt2	NM_013529	NM_013529		
1016	1452376_at	0.005879	215.5	387.33	Zfp444	BE951951	NM_028316		
1017	1448656_at	0.005883	2969.03	4293.33	Cacnb3	NM_007581	NM_007581		

Table 10

1018	1420807_a_at	0.005891	515.7	809.57	Egfl9	NM_134120	NM_134120	///	NM_207666
1019	1441089_at	0.005893	167.17	247.4	Eif2c3	BB205493	NM_153402		
1020	1417440_at	0.005912	1160.23	1904.1	Arid1a	NM_033566	NM_033566		
1021	1419656_at	0.005927	398.53	573.87	Slc25a36	BB503267	NM_138756		
1022	1455023_at	0.00593	1165.67	1554.37	N28178	BB171181	NM_172690		
1023	1458077_at	0.005933	58.33	95.07	---	BB525358	---		
1024	1450718_at	0.005939	115.93	195.87	Mgi1345171	NM_018825	NM_018825		
1025	1451743_at	0.005943	242.13	319.5	D19Wsu162e	BC026369	NM_146099		
1026	1458364_s_at	0.005945	473.2	732.53	---	BM068979	---		
1027	1435115_at	0.005949	548.07	852.73	Pndc5	AW556555	NM_027402		
1028	1427481_a_at	0.005961	7507.27	11909.77	Atpla3	BC027114	NM_144921		
1029	1428777_at	0.005978	868.77	1191.9	Spred1	AK017680	NM_033524		
1030	1421198_at	0.005981	399.57	576.3	Itgav	NM_008402	NM_008402		
1031	1449448_at	0.005983	539.33	664.13	Med9	BC019367	NM_138675		
1032	1437032_x_at	0.006	247.47	383.1	Rbm14	BB780829	NM_019869		
1033	1436547_at	0.006002	741.5	903.2	Dgke	AV274554	NM_019505		
1034	1423854_a_at	0.006008	4972.4	6307.23	Rasl11b	BC008101	XM_355606		
1035	1451583_a_at	0.006022	228.77	337.83	BC025076	BC025076	XM_618882		
1036	1433625_at	0.006036	1254.43	1477.23	5830434P21Rik	AV316216	NM_172661		
1037	1444660_at	0.00604	135.07	208.4	4932438A13Rik	BB486179	XM_619889	///	XM_622891
1038	1454750_a_at	0.006044	263.13	355.53	BC057552	BC069746	NM_172502		
1039	1450871_a_at	0.006045	1380.9	1633.57	Bcat1	X17502	NM_001024468	///	NM_007532
1040	1454712_at	0.006052	833.97	1008.1	Mcart1	AW212577	NM_001009949		
1041	1430498_at	0.006053	55.37	89.67	9130009I01Rik	AI448485	---		
1042	1427344_s_at	0.006065	821.33	1021.2	Rasd2	BC026377	XM_204287		
1043	1433720_s_at	0.006081	6895.53	9718.13	Mgi2143558	AI647775	NM_175329		
1044	1451192_a_at	0.006091	663.07	764.13	Ttc4	BC025435	NM_028209		
1045	1432848_a_at	0.006102	307.1	443.37	1200004M23Rik	AK016489	NM_026169		
1046	1432181_s_at	0.006103	389.03	567.77	Ecgf1	AK013765	NM_138302		
1047	1450955_s_at	0.006108	722.47	1146.83	Sort1	AV247637	NM_019972		
1048	1433556_at	0.00611	2211.27	3182.27	Cental	AV264037	NM_172723		
1049	1450720_at	0.006111	1027	1233.7	Acpl1	AW554436	NM_021330		
1050	1431946_a_at	0.006117	745.67	1057.57	Apba2bp	AK013520	NM_021546		
1051	1419377_at	0.006123	362.37	448.13	Med9	BC019367	NM_138675		
1052	1423334_at	0.006147	485.63	918.03	1200007D18Rik	AK003239	NM_026170		
1053	1429708_at	0.006154	5074.1	5952.37	Ndufa11	AA596846	XM_128696		
1054	1420506_a_at	0.006157	2646.6	3941.93	Stxbp1	AF326545	NM_009295		
1055	1423252_at	0.006157	1563.33	1754.77	Hdgfrp3	BB291880	NM_013886		
1056	1452913_at	0.006158	496.57	719.37	Pcp411	AV337888	XM_484933		
1057	1417303_at	0.006161	299.7	500.23	Nwd	NM_138656	NM_138656		

Table 10

1058	1425076_at	0.006176	300.63	371.93		DnaJC18	AI606403	NM_029669
1059	1425834_a_at	0.00618	301.1	460.2	Gpm	BC019201	NM_008149	
1060	1451897_a_at	0.00618	934.97	1109.9	Nbr1	AF227188	NM_008676	
1061	1419023_x_at	0.006181	11937.2	15840.3	Eno1	NM_023119	NM_023119	
1062	1451627_a_at	0.006181	390.13	566.1	Slc1a2	U75372	NM_011393	
1063	1416550_at	0.006186	418.67	552.77	Slc35b4	BB320416	NM_021435	
1064	1417294_at	0.006186	634.7	794	Akr7a5	NM_025337	NM_025337	
1065	1418036_at	0.006203	163.67	181.57	Prim2	NM_008922	NM_008922	
1066	AFFX-B10C-5_at	0.00622	1446.6	2162.6	bioc	AFFX-B10C-5	---	
1067	1420816_at	0.006221	601.7	2335.7	Ywhag	NM_018871	NM_018871	
1068	1421321_a_at	0.006232	225.23	408.97	Net1	NM_019671	NM_019671	
1069	1430046_at	0.006234	164.4	283.87	Otcd3	AK014098	NM_131770	
1070	1428838_a_at	0.006241	173.33	245.07	Dck	BE630687	NM_007832	
1071	1424668_a_at	0.006256	401.77	685.07	Cutl1	BC014289	NM_009986	/// NM_198602
1072	1458075_at	0.006265	206.1	301.53	Dst	BB350401	NM_010081	/// NM_133833
1073	1458358_at	0.006272	261.87	368.27	Park2	BB402666	NM_153501	/// NM_134448
1074	1418631_at	0.006274	1298.8	1490.8	Ube2h	BI694835	NM_009459	
1075	1455401_at	0.006275	3262.77	4454.87	Camkk2	AW061083	NM_145358	
1076	1424365_at	0.006276	3678.3	4413.8	1810037117Rik	BC002135	NM_024461	
1077	1454759_at	0.006283	1321.2	1952.83	Glt1	AV230461	NM_001004144	
1078	1446682_at	0.006295	66.73	178.4	Zswim6	BB660139	NM_358311	
1079	1428155_at	0.0063	747	929.77	Command9	AK007640	NM_029635	
1080	1417709_at	0.006307	5486	7488.77	Cyp46a1	NM_010010	NM_010010	
1081	1426647_at	0.006312	595.53	673.83	---	AK018610	---	
1082	1418246_at	0.006325	83.33	193.57	Rbm9	BB277926	NM_053104	/// NM_175387
1083	1435512_at	0.006335	472.2	759.73	Alb36003	BM114590	NM_177716	
1084	1434657_at	0.006346	8702.13	10753.97	Gls	BE983473	NM_129846	
1085	1440132_s_at	0.006348	10278.3	17191.27	Pfkfb1b	BB283894	NM_008923	
1086	1450969_at	0.006352	918.67	1197.37	Pccb	BB787147	NM_025835	
1087	1455884_at	0.006357	497.07	712.73	Dpp9	BB667346	NM_172624	
1088	1448413_at	0.006358	534.37	734.93	2410016006Rik	NM_023633	NM_023633	
1089	1448580_at	0.006366	816.73	1050.03	Glg1	BB074127	NM_009149	
1090	1455326_at	0.006369	1084.1	1333.4	4932416N17Rik	BB315720	NM_177562	
1091	1445241_at	0.006372	231.7	456.97	Rab11fip4	BB328987	NM_175543	
1092	1425629_a_at	0.006373	605.7	1075.9	Nol6	AF361078	NM_139236	/// NM_139237
1093	1453317_a_at	0.006387	3642.8	4250.57	Khdbs3	AK014353	NM_010158	
1094	1450056_at	0.006395	760	1025.77	Apc	NM_007462	NM_007462	
1095	1459847_x_at	0.006395	488.37	588.97	Gfra2	AV354240	NM_008115	
1096	1453260_a_at	0.006422	986.4	1105.13	Ppp2r2a	AK010380	NM_619260	
1097	1417050_at	0.006431	5901.23	7958.03	C1qtnf4	NM_026161	NM_026161	

Table 10

1098	1454995_at	0.006436	1357.6	2024.67	Ddahl	AW556888	NM_026993	
1099	1422564_at	0.006443	540.8	976.63	Act16b	NM_031404	NM_031404	
1100	1419589_at	0.006452	120.53	241.93	C1qf1	BB039247	NM_010740	
1101	1430613_at	0.006461	287.03	436.97	1520402A1SR1k	BB749015	NM_204182	
1102	1439029_at	0.006462	383.93	486.47	Gpt2	BG069993	NM_173866	
1103	1460650_at	0.006488	1428.07	2496.6	Atp6v0a1	U13836	NM_016920	
1104	1419188_s_at	0.006497	4437.57	5179.5	Cg127	NM_011336	NM_011336	
1105	1446536_at	0.006499	77.1	143.3	Sema6d	BB482394	NM_172537	/// NM_199238 /// NM_199239 /// NM_199240 ///
NM_199241								
1106	1451830_a_at	0.006503	139.77	228.83	Spm2	AF016040	NM_009260	/// NM_175836
1107	1426152_a_at	0.006504	148	224.73	Klt1	M64262	NM_013598	
1108	1459903_at	0.006507	2156.87	2779.77	Sema7a	AA144045	NM_011352	
1109	1431137_at	0.006526	994.87	1656.37	Rusc1	AI614077	NM_028188	
1110	1455228_at	0.00653	1267.93	1444.73	Whsc1	BQ177743	NM_132006	
1111	1420825_at	0.006542	216.6	278.13	Letm1	BG060855	NM_019694	
1112	1450623_at	0.006564	5857.37	8698.9	Gnb2	NM_010312	NM_010312	
1113	1446729_at	0.006564	111	211.13	Disp2	BB179083	NM_170593	
1114	1416960_at	0.006577	1199.33	1805.23	B3gat3	NM_024256	NM_024256	
1115	1428690_at	0.006581	270.47	482.6	Tysnd1	BF466063	NM_125636	
1116	1425567_a_at	0.006587	1574.73	1879.77	Anxa5	D63423	NM_009673	
1117	1452248_at	0.006601	888.3	1466.07	Plekhs5	BC023181	NM_001004156	
1118	1416949_s_at	0.006638	1406.9	1722.33	Slc39a7	NM_008202	NM_008202	
1119	1447222_at	0.006639	211.73	354.07	Hspa12a	AI854582	NM_175199	
1120	1437564_at	0.006649	59.4	113.37	Polg	AV351762	NM_017462	
1121	1421975_a_at	0.00665	204.97	351.13	Add2	AF189769	NM_013458	
1122	1440841_at	0.006663	221.53	345.2	Ywhae	BF714941	NM_009536	
1123	1426118_a_at	0.006673	1033.03	1437.2	Tomm40	AF109918	NM_016871	
1124	1426885_a_at	0.006678	3115.5	4613.1	Cdk2ap1	AK004852	NM_013812	
1125	1452085_at	0.006691	851.43	1075.67	Gatad1	BE134386	NM_026033	
1126	1416554_at	0.006697	240.8	375.33	Pdlim1	NM_016861	NM_016861	
1127	1417326_a_at	0.006706	1608.57	2216	Anapc11	NM_025389	NM_025389	
1128	1449111_a_at	0.006716	1369.1	1823.83	Gtd2	BG064712	NM_008163	
1129	1424608_a_at	0.006718	199	272.13	LOC432458	BM225255	NM_001013789	/// NM_483895 /// NM_483912 ///
NM_483913								
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Table 10

XM_619349	/// XM_619375	/// XM_619402	/// XM_619404	/// XM_619482	/// XM_619498	/// XM_619502	/// XM_619600	/// XM_619608	///
XM_619612	/// XM_619614	/// XM_619615	/// XM_619633	/// XM_619662	/// XM_619666	/// XM_619689	/// XM_619708	/// XM_619750	///
XM_619868	/// XM_619873	/// XM_619896	/// XM_619991	/// XM_620013	/// XM_620083	/// XM_620093	/// XM_620108	/// XM_620115	///
XM_620193	/// XM_620233	/// XM_620272	/// XM_620294	/// XM_620309	/// XM_620332	/// XM_620343	/// XM_620388	/// XM_620432	///
XM_620472	/// XM_620551	/// XM_620621	/// XM_620626	/// XM_620629	/// XM_620631	/// XM_620632	/// XM_620638	/// XM_620732	///
XM_620779	/// XM_620780	/// XM_620969	/// XM_621018	/// XM_621049	/// XM_621050	/// XM_621055	/// XM_621069	/// XM_621127	///
XM_621155	/// XM_622271	/// XM_622402	/// XM_622432						
1130	1425765_at	0.006736	79.27	128.4	Rm3	BC006659	XM_156394	/// XM_358764	
1131	1420669_at	0.006741	259.57			Arnt2	AI428888	NM_007488	
1132	1450384_at	0.006745	560.83			Bacel	AF200346	NM_011792	
1133	1426373_at	0.006754	1324.53			Sk1	AK019148	NM_011385	
1134	1426517_at	0.006754	2309.7			Gnaz	AI326356	NM_010311	
1135	1438424_at	0.006758	186.43			CS30046102Rik	BB452514	NM_173186	
1136	1424100_s_at	0.006774	2558.43			1500001H12Rik	BC023032	NM_021316	
1137	1451748_a_at	0.006781	2218.27			D12ErtD771e	BC019973	NM_028262	
1138	1418629_a_at	0.006805	1689.33			---	NM_011317	---	
1139	1442166_at	0.006806	1371.37			Cpne5	BB273427	NM_153166	
1140	1420979_at	0.006814	3909.5			Pak1	BF456404	NM_011035	
1141	1447385_at	0.006815	1185.4			---	AI843353	---	
1142	1427646_a_at	0.006836	538.6			Arhgef2	X95761	NM_008487	
1143	1423007_a_at	0.006841	333.4			Gfira2	NM_008115	NM_008115	
1144	1422036_at	0.006898	123			Strn	NM_011500	NM_011500	
1145	1440639_at	0.006904	320.53			534.2	Dlgap1	AV320585	NM_027712
1146	1448978_at	0.006906	5347.3			Ngaf	NM_019867	NM_019867	NM_177639
1147	1452584_at	0.006913	4539.1			5377.87	1500032L24Rik	BG915677	NM_026914
1148	1460009_at	0.006929	291.8			Ier5	BB67115	NM_010500	
1149	1422827_x_at	0.006932	322.63			411.8	Slc35a2	NM_078484	NM_078484
1150	1431972_a_at	0.006933	234.47			292.23	Gcap14	AK005931	NM_028407
1151	1415998_at	0.006939	5054.17			7716.1	Vdac1	NM_011694	NM_011694
1152	1423076_at	0.006949	225.7			306.07	Snx9	BB703513	NM_025664
1153	1438671_at	0.006954	5999.83			6881.47	Ppp2r2c	AV223153	NM_172994
1154	1417724_at	0.006956	494.6			770	Thoc4	NM_011568	NM_011568
1155	1451356_at	0.006964	2202.67			2785.57	Amp32e	BG063586	NM_023210
1156	1426464_at	0.006966	310.2			673.23	Nr1d1	W13191	NM_145434
1157	1434900_at	0.006968	1014.93			1369	Mk11	BM196656	NM_153049
1158	1447062_at	0.006974	165.2			262.3	Vps24	BG073566	NM_025783
1159	1432332_a_at	0.006976	1652.17			1811.37	Nudt19	AK008430	NM_033080
1160	1431339_a_at	0.006979	2262.07			4352.93	Efh2	AK007560	NM_025994
1161	1451182_s_at	0.006992	320.87			410.93	C730048E16Rik	BC014743	NM_144849
1162	1422169_a_at	0.006999	362.27			597.47	Bdnf	AY057913	NM_007540

Table 10

1163	1427023_at	0.007 2767.77	4125.4	Phyhip1	AI267048	NM_178621	
1164	1448534_at	0.007005	2261.63	Ptpnsl	AB018194	NM_007547	
1165	1451045_at	0.007041	2142.17	Sytl3	BE648447	NM_030725	
1166	1421266_s_at	0.007045	579.57	Nfkbid	NM_010908	NM_010908	
1167	1450471_at	0.007074	98.8	Smad3	BI150236	NM_016769	
1168	1458499_at	0.007075	375.27	Pdeloa	AW123977	NM_011866	
1169	1453048_at	0.007083	303.77	Nhlrc2	AK002650	NM_025811	
1170	1428714_at	0.007088	1889.6	Pgrmc2	BF322962	XM_130859	
1171	1424019_at	0.007089	349.77	Nol1	BC007151	NM_138747	
1172	1418889_a_at	0.007106	641.3	Csnk1d	NM_139059	NM_027874	/// NM_139059
1173	1426728_x_at	0.007118	664.8	Ptdss2	HG965431	NM_013782	
1174	1449319_at	0.007119	248.3	Rspol	NM_138683	NM_138683	
1175	1415819_a_at	0.00712	8792.23	Ppp2r1a	BC006606	NM_016891	
1176	1450106_a_at	0.007143	1420.23	Evi	NM_007965	NM_007965	
1177	1456641_at	0.007176	95.63	173.67	1190007F08R1k	AV225851	XM_489067
1178	1426646_at	0.007183	1273.47	1429.8	913001J15R1k	AK018610	---
1179	1421342_at	0.007199	136.4	255	Kcns2	NM_008436	NM_181317
1180	1421339_at	0.0072	400.07	643.4	Extl3	NM_018788	NM_018788
1181	1439765_x_at	0.007202	1220.23	1795.27	2410039E07R1k	AV214551	NM_212483
1182	1428199_at	0.007209	188.47	271.63	4930578F03R1k	AK016299	XM_485055
1183	1416432_at	0.007212	120.53	189.03	Pfkfb3	NM_133232	NM_133232
1184	1418535_at	0.00726	235.83	383.93	Rgl1	NM_016846	NM_016846
1185	1451256_at	0.007264	373.33	535.07	Gpr172b	BC016264	NM_029643
1186	1445670_at	0.007266	148.87	209	---	AW124641	---
1187	1428017_at	0.007267	407.67	549.6	Pknox2	AF487460	NM_001029838
1188	1452246_at	0.007282	198.67	286.2	Ostf1	U58888	NM_017375
1189	1416392_a_at	0.007286	19725.2	24836.37	Atp6v0c	NM_009729	NM_009729
1190	1447219_at	0.007291	111.23	173.17	---	BQ031470	---
1191	1421124_at	0.007293	674.93	1300.23	Cdk5r1	NM_009871	NM_009871
1192	1443636_at	0.007293	315.2	415.93	Abcb9	BB283740	NM_019875
1193	1448541_at	0.007299	4185.27	4983.03	Kms2	AU079968	NM_001025358
NM_001025361 /// NM_001025362 /// NM_001025363 /// NM_008450							
1194	1434886_at	0.007304	641.37	764.57	D630048P19R1k	BB475273	NM_207525
1195	1424710_a_at	0.007308	2435.1	2936.6	Gorasp2	BC016455	NM_027352
1196	1430375_a_at	0.007309	4400.83	5586.37	Ccl27	BE198116	NM_011336
1197	1423395_at	0.007317	3580.6	4837.4	Tsnax	BM021706	NM_016909
1198	1454953_at	0.007319	2248.47	3005.97	Rnf157	BB246182	XM_126776
1199	1434762_at	0.007336	435.17	515.77	A730041015R1k	BF457736	NM_178751
1200	1457212_at	0.007336	474.13	655.5	Nrxn3	BB396605	NM_172544
1201	1421895_at	0.007337	990.2	1347.93	Eif2s3x	NM_012010	NM_012010

Table 10

1202	1438887_a_at	0.007345	531.53	631.73	Gcl	BM239632	NM_011818
1203	1419048_at	0.007346	388.07	519.07	Pcmx	BG073499	NM_018814
1204	1421817_at	0.007349	430	482.03	Gsr	AK019177	NM_010344
1205	1453324_at	0.007361	540.5	675.07	6330509M23Rik	BF459399	---
1206	1436665_a_at	0.007376	468.13	699.13	Ltbp4	BB554226	NM_175641
1207	1422845_at	0.007378	2201.67	2457.77	Canx	BI653492	NM_007597
1208	1421821_at	0.007409	274.53	431.33	Ldlr	AF425607	NM_010700
1209	1435712_a_at	0.00741	5360.37	7639.43	Rps18	AW907444	NM_011296
1210	1417014_at	0.007431	97.13	157.5	Hspb8	AF250139	NM_030704
1211	1433518_at	0.007456	207.9	314.37	Lcm2	BM120022	NM_141327
1212	1425082_s_at	0.007466	445.47	579.73	9030416H16Rik	BC021408	NM_358357
1213	1451285_at	0.007467	1823.67	2961	Fus	AF224264	NM_139149
1214	1455012_s_at	0.007471	4889.03	5497.43	Trim37	BM119247	NM_197987
1215	1428190_at	0.007472	680.83	902	Slc25a1	AK005070	NM_153150
1216	1434008_at	0.007493	166.47	251.73	Scn4b	BE993937	NM_001013390
1217	1451751_at	0.007498	605.3	868.87	Ddit4l	AF335325	NM_030143
1218	1454032_at	0.007498	177.4	350.53	Neto2	AK017458	NM_134498
1219	1424847_at	0.007504	874.93	1068.17	Nefh	M35131	NM_010904
1220	1420905_at	0.007512	269.3	380.03	T117r	AK010040	NM_008359
1221	1425111_at	0.00752	290.27	418.4	Sorcs3	AK018111	NM_025696
1222	1452789_at	0.007529	3628.1	5352.6	Snn	AK012171	NM_009223
1223	1416528_at	0.00756	2757.17	3781.53	Sh3bgr13	NM_080559	NM_080559
1224	1419439_at	0.007562	156.53	208.27	Stk22sl	NM_011651	NM_011651
1225	1418132_a_at	0.00758	248.8	351.3	DWsu128e	BC011313	NM_138589
1226	1416400_at	0.007593	311.93	403.23	Pycr1	NM_025412	NM_025412
1227	1440324_at	0.007602	155.3	255.87	Mp19	BM217390	NM_026490
1228	1434649_at	0.007605	720.57	906.7	Ccm2	BI903794	NM_146014
1229	1428292_at	0.007605	125.9	163.47	Ndori1	AK019617	NM_178239
1230	1421563_at	0.007613	103.57	254.7	Atg7b	NM_007511	NM_007511
1231	1453135_at	0.007626	270.53	355.97	Fndc5	AK005096	NM_027402
1232	1439892_at	0.007631	2170.9	3135.37	Brsk1	BQ174737	NM_001003920
1233	1434779_at	0.007641	818.73	1063.3	Cbln2	BQ175551	NM_172633
1234	1456933_at	0.007653	157.2	254.47	9430023P16Rik	BB713556	NM_001005507
1235	1437660_at	0.007675	379.87	536.27	Nktr	AW987751	NM_010918
1236	1435907_at	0.007676	1175.07	1550.97	Nrxn2	BE949064	NM_020253
1237	1448183_a_at	0.007683	392.23	450.9	Hif1a	BB269715	NM_010431
1238	1453398_at	0.007684	40.43	86.93	A930009A15Rik	AK020834	---
1239	1418937_at	0.007685	2376.53	3218.93	Dio2	AF177196	NM_010050
1240	1452290_at	0.007702	643.67	868.17	2310036D22Rik	AK009646	NM_027992

Table 10

1241	1416011_x_at	0.007707	297.17	430.23	Ehrl	NM_010119	NM_010119
1242	1455640_a_at	0.007726	1867.83	2526.17	Txn2	AV053127	NM_019913
1243	1415950_a_at	0.007729	8482.4	13532.63	Pbp	NM_018858	NM_018858
1244	1457213_a_at	0.007737	845.23	929.03	Dgkh	AV276089	NM_484397
1245	1423449_a_at	0.007762	1243.8	1762.83	Actn4	BM234779	NM_021895
1246	1442019_at	0.007774	3857.17	6017.9	---	BB627097	---
1247	1452291_at	0.007786	2828.23	3240.67	Centd1	AV375176	NM_132099
1248	1436138_at	0.007798	567.2	727.53	---	BB078627	---
1249	1451476_at	0.007802	579.9	1002.67	Zdhc8	BC004683	NM_172151
1250	1435766_at	0.007821	125.3	199.5	Pphl1	AV036957	NM_146062
1251	1455482_at	0.007824	1345.87	1946.1	Ap2a2	BQ175609	NM_007459
1252	1448751_at	0.007844	1373.57	1632.3	Ap3m2	BC027301	NM_029505
1253	1457334_at	0.007857	118.83	196.3	C130057M05R1k	BB371179	---
1254	1420013_s_at	0.007863	225	346.4	Lss	C77434	NM_146006
1255	1425690_at	0.007876	204.4	367.07	B3gat1	BM945167	NM_029792
1256	1429105_at	0.007878	3035.1	3688.57	Dlgap1	AK016873	NM_027712
1257	1426024_a_at	0.00788	2675.47	3630.8	Dbn1	AF187147	NM_019813
1258	1451168_a_at	0.007882	4457.83	6218.8	Arhgdia	BC004732	NM_133796
1259	1426444_at	0.007894	387.93	574.07	Rhbdl7	BB233055	NM_146002
1260	1431802_a_at	0.007896	516.63	596.73	D5Wsl78e	AK014530	NM_027652
1261	1427569_a_at	0.007917	342.47	495.27	Utrn	X83506	NM_011682
1262	1440971_x_at	0.007921	369.93	620.97	G630024C07R1k	BB823641	NM_177362
1263	1448700_at	0.007931	174.17	260.77	Gos2	NM_008059	NM_008059
1264	1453746_at	0.007933	188.63	265.6	Fmbp1	AI606033	NM_019406
1265	1433703_s_at	0.00794	701	954.9	Bahd1	BM115038	NM_130491
1266	1451829_a_at	0.007945	116.1	212.67	Nf2	I27105	NM_010898
1267	1425248_a_at	0.007963	1817.67	2664.2	Tyro3	AB000828	NM_019392
1268	1435604_at	0.007969	4258.3	4913.33	Trim37	BM941778	NM_197987
1269	1450749_a_at	0.007973	136.67	331.17	Nr4a2	NM_013613	NM_013613
1270	1418646_at	0.007979	1136.23	1849.7	Gna-rs1	BF577955	NM_008136
1271	1453570_x_at	0.007981	447.3	598.57	Betf11	AV252862	NM_018742
1272	1430542_a_at	0.007992	6084.77	8151.87	S1c25a5	LOC433923	LOC545025
1273	1444848_at	0.007992	228.57	338.93	R3hdm	BG064052	NM_181750
1274	1453365_at	0.00801	292.93	400.37	Rabgap11	AK018430	NM_013862
1275	1458263_at	0.008053	409	526.63	Cugbp2	BE979587	NM_010160
1276	1425351_at	0.008064	296.2	506.8	Srxn1	BC011325	NM_029688
1277	1452357_at	0.008075	14214.1	18722.37	Gp1bb	Sept5	AF033350
1278	1417308_at	0.008084	10619.37	14681.57	Pkm2	NM_011099	NM_011099
1279	1425560_a_at	0.008099	1519.57	2035.93	S100a16	BC020031	NM_026416
NM_485652 /// NM_619211							
NM_007451 ///							
NM_01001999 /// NM_010327 /// NM_213614							



Table 10

1280	1450683_at	0.008102	4507.6	5181.03	Tagln3	NM_019754	NM_019754	
1281	1434213_x_at	0.00812	2093.4	2427.33	Ndufs8	BG244243	NM_144870	
1282	1457178_at	0.00814	118.43	196.7	Rabgap1	BB485280	NM_013862	
1283	1434261_at	0.008143	819.33	992.27	Sipa12	AV228782	NM_146572	
1284	1433468_at	0.008155	657.6	1022.23	6330527G18Rik	BB770958	NM_145836	
1285	1438546_x_at	0.008155	1633.4	2147.4	Slc25a5	LOC383528	LOC433326	LOC433923
					LOC545025			C81442
	NM_007451 /// XM_484885 /// XM_485652 /// XM_619211 /// XM_619637							
1286	1448794_s_at	0.008168	423.6	516.13	Dnajc2	BG067003	NM_009583	/// NM_009584
1287	1440133_x_at	0.008186	4213.63	8551.53	Prkar1b	BB283894	NM_008923	
1288	1431257_at	0.008207	46.3	101.23	6330409E13Rik	BQ180307	NM_175234	
1289	1416087_at	0.008215	2783.67	3414.07	Ap1s1	NM_007457	NM_007457	
1290	1427692_a_at	0.008215	390.63	489.57	Cask	Y17137	NM_009806	/// NM_146233
1291	1451155_at	0.008215	158.2	291.27	Cugbp2	BB644164	NM_010160	
1292	1417341_a_at	0.008241	1116.37	1287.23	Ppp1r2		NM_025800	NM_025800
1293	1425693_at	0.008241	272.23	390.2	Braf	M64429	NM_355754	
1294	1428132_at	0.008299	282.37	427.7	Cdc42se1	AK008084	NM_172395	
1295	1443621_at	0.008306	284.57	472.57	---	BG092359	NM_282966	
1296	1428620_at	0.008315	2760.83	3447.23	Eusa	BF584204	NM_001026212	/// NM_019561
1297	1416406_at	0.008321	3567.67	4330.43	Pea15	A1323543	NM_008556	/// NM_011063
1298	1426581_at	0.00834	1307.03	1525.93	Pcpmt1	BT247018	NM_025576	
1299	1423221_at	0.008345	5807.2	9651.3	Tubd4	AK013717	NM_009451	
1300	AFFX-BioDn-3_at	0.008346	5847.07	9144.87	biOD	AFFX-BioDn-3	---	
1301	1441298_at	0.008351	475.83	585.3	Synb3	BB729922	NM_021287	
1302	1425452_s_at	0.008362	825.9	1070.1	Ppgrj	AW125753	BC002154	NM_008982
1303	1429518_at	0.008366	3707.2	4913.57	Faim2	AK013476	NM_028224	/// NM_029007
1304	1455417_at	0.008402	780.9	1243.47	Kcnj11	AV350759	NM_010602	
1305	1421488_at	0.008435	80.8	196.8	Rabgap1	NM_013862	NM_013862	
1306	1419157_at	0.008447	259.13	397.93	Sox4	AT428101	NM_009238	
1307	1449000_at	0.008485	1756.43	2484.7	D10Jhu81e	NM_138601	NM_138601	
1308	1434096_at	0.00849	1381.17	1619.77	Slc4a4	BB283443	NM_018760	
1309	1429147_at	0.008495	78.43	121.33	Gas2	BF011349	NM_008087	
1310	1437392_at	0.008496	1542.5	1949.2	LOC433485	AW123113	NM_485077	
1311	1460030_at	0.008501	217	292.27	Hecw1	BB355811	NM_484217	
1312	1443247_at	0.008506	114.43	191.73	---	BB452489	---	
1313	1452370_s_at	0.008521	986.13	1183.93	B230208H17Rik	BB449608	NM_130148	
1314	1460554_s_at	0.00854	1619.7	2075.23	G1g1	BB795216	NM_009149	
1315	1423478_at	0.008544	5187.17	6118.47	Pckcb1	BF660388	NM_008855	
1316	1423189_at	0.008555	3769.6	4392.3	6720456B07Rik	BI456243	NM_133937	
1317	1440288_at	0.008565	41.9	148.5	LOC545719	BB947744	NM_620145	
1318	1428031_at	0.008572	335.53	477.4	Gpr24	BB647763	NM_145132	

Table 10

1319	1451820_at	0.008585	269.63	421.87	Diras1	BQ042613	NM_145217
1320	1426738_at	0.008588	2404.53	3526.6	Dgrx	BC014860	NM_138306
1321	1415753_at	0.008605	4872.37	6334	D10Bwg1364e	BC005632	NM_145421
1322	1455672_s_at	0.008608	6523.4	8661.5	Cplx2	BE946238	NM_009946
1323	1423593_a_at	0.008611	1089.6	1338.77	Csflr	AK004947	NM_007779
1324	1448237_x_at	0.008613	8193.97	11216.27	Ldh2	NM_008492	NM_008492
1325	1431285_at	0.008619	1722.23	2269.1	Mgtn1	AK011747	NM_029657
1326	1442293_at	0.00866	117.5	212.8	---	BM938640	---
1327	1427739_a_at	0.008661	205.9	296.93	Typ53	AJ297973	NM_011640
1328	1450093_s_at	0.008664	205.73	366.2	Zbcb7a	NM_010731	NM_010731
1329	1420954_a_at	0.008666	1496.5	2152.6	Add1	BF140063	NM_001024458
1330	1452666_a_at	0.008671	4086.37	4966.8	Tmc22	AK004359	NM_178874
1331	1442502_at	0.008689	238.93	341.77	Lrch1	BB011593	NM_484393
1332	1455873_a_at	0.008692	469.9	700.9	Vps18	BB313038	NM_172269
1333	1450705_at	0.008721	477.13	580.43	Rdbp	NM_138580	NM_138580
1334	1427226_at	0.008723	1481.1	1973	Epn2	AF057286	NM_010148
1335	1427782_a_at	0.008723	353.9	507.47	Cchr1	AF369656	NM_007762
1336	1456620_at	0.008724	734.5	886.73	MGC79224	BE944732	NM_001004164
1337	1425202_a_at	0.008737	885.47	1072.23	Atk3	BC021657	NM_009670
NM_170687	/// NM_170689	/// NM_170690	/// NM_170728	/// NM_170729	/// NM_170730	/// NM_170730	/// NM_170687
1338	1417954_at	0.008757	4825.1	7032.43	Sst	NM_009215	NM_009215
1339	1453419_at	0.00878	3039	4014.57	2900078C09Rik	AK013800	---
1340	1439463_x_at	0.008787	1647.27	2249.77	Hmgbl	LOC43338	LOC434174
LOC545917	LOC546331	AV127023	NM_010439	/// XM_484795	/// XM_485920	/// XM_487630	/// XM_619939
XM_620423	/// XM_621042						/// XM_620382
1341	1445539_at	0.008788	1407	1566.67	Pde7b	BE687857	NM_013875
1342	1450108_at	0.008795	3316.83	4395.5	Kif1a	NM_008440	NM_008440
1343	1427404_x_at	0.008822	11736.3	15107.63	LOC433182	BC004017	NM_001025388
1344	1427039_at	0.008823	1968.1	3478.7	Epn1	AF057285	NM_010147
1345	1416551_at	0.008825	15148.77	19108.57	Atp2a2	NM_009722	NM_009722
1346	1436327_a_at	0.008827	192.6	319.53	3100002B05Rik	BM934830	NM_026664
1347	1446950_at	0.008831	112.63	221.97	Tox	BM124834	NM_145711
1348	1452746_at	0.00884	1621.7	2373.3	Atpl3a2	BM944122	NM_029097
1349	1429259_a_at	0.008873	892.57	1003.53	1810014B01Rik	AW985991	NM_618793
1350	1421486_at	0.008879	126.23	325.43	Egr3	NM_018781	NM_018781
1351	1426399_at	0.00888	320.43	424.97	Vwal	BB183736	NM_147776
1352	1424225_at	0.008884	907.47	1119.4	Asb8	AF398969	NM_030121
1353	1433489_s_at	0.008888	483.6	775.5	Egfr2	BE873440	NM_010207
1354	1425983_x_at	0.008898	681.37	877.8	Hpk2	AF208292	NM_010433
1355	1460385_a_at	0.008959	1251.7	1454.23	Zfp179	AB013097	NM_009548

Table 10

1356	1421280_at	0.008962	5192.6	6323.43	Gabra1	Z36357	NM_010250
1357	1418149_at	0.008973	1325.23	1999.03	Chga	NM_007693	NM_007693
1358	1421965_s_at	0.009	211.37	269	Notch3	NM_008716	NM_008716
1359	1450005_x_at	0.009001	355.7	605.17	Egfl9	NM_134120	NM_134120 /// NM_207666
1360	1429820_at	0.009024	45.53	109.77	Rutbc2	AK010756	NM_172718
1361	1424391_at	0.009035	1381.63	1629.53	Nrd1	BC026832	NM_146150
1362	1439776_at	0.009035	347.67	475.03	493045021Rik	BE956398	NM_177767
1363	1416718_at	0.009043	1700.93	2293.53	Bcan	NM_007529	NM_007529
1364	1452951_at	0.009048	310.27	414.83	2410089E03Rik	AK010747	NM_127911
1365	1422901_at	0.009054	1823.47	2086.6	Mgea5	NM_023799	NM_023799
1366	1452048_at	0.00906	1422.87	1639.6	Mrpl12	AK002757	NM_027204
1367	1449956_at	0.009069	2137.37	3768.03	Pckce	NM_011104	NM_011104
1368	1446955_at	0.009081	74.9	116.47	Mrps25	BG074954	NM_025578
1369	1458974_at	0.009102	98.67	145.7	Tox	BM245368	NM_145711
1370	1450212_at	0.009111	357	717.37	Fmnl1	NM_019679	NM_019679
1371	1425509_at	0.009127	956.7	1407.03	Mark1	BM213279	NM_145515
1372	1452646_at	0.009129	3190.57	4262.6	Ttp53inp2	AK003956	NM_178111
1373	1449716_s_at	0.009133	467.4	638.7	Nrd1	A1875733	NM_146150
1374	1424132_at	0.009161	745.8	1311.3	Hras1	BC011083	NM_008284
1375	1426057_a_at	0.009165	62.5	111.57	Epha3	M68515	NM_010140
1376	1449370_at	0.009192	319.57	498.87	Sox4	A1428101	NM_009238
1377	1421071_at	0.00921	487.43	764.73	Vhlh	NM_009507	NM_009507
1378	1424578_at	0.009215	728.13	1144.87	Atrdc1	BC018501	NM_178408
1379	1417293_at	0.009217	699	890.93	Hs6st1	NM_015818	NM_015818
1380	1428430_at	0.009221	457.3	685.5	Rgmb	AK004310	NM_178615
1381	1416739_a_at	0.009245	193.67	304.13	Brp	NM_028227	NM_028227
1382	1450380_at	0.009258	2547.27	3114.3	Epdf2	AF353717	NM_134065
1383	1440152_x_at	0.009274	1116.17	1490.23	Edf1	AV003223	NM_021519
1384	1448366_at	0.009278	7329.87	9404	Stx1a	NM_016801	NM_016801
1385	1427059_at	0.009297	425.67	605.53	4732495E13Rik	BB367207	NM_172608
1386	1426963_at	0.0093	845.4	1273.37	Pacs2	BI412345	NM_203601
1387	1430784_a_at	0.009319	71.67	175.2	4932417H02Rik	AK016530	NM_028898
1388	1455689_at	0.009322	175.43	244.27	Fzd10	BB536115	NM_175284
1389	1435897_at	0.009345	6480.53	7568.67	Rpl32	BB756431	NM_172086
1390	1437740_at	0.00935	586.13	881.47	Plektm2	BB757269	NM_204109
1391	1433607_at	0.009356	372.1	501.47	Cbln4	AV343573	NM_175631
1392	1426225_at	0.009359	890.47	1400.23	Rbp4	U63146	NM_011255
1393	1449074_at	0.009374	170.9	254.27	Kcnk4	NM_025953	NM_008431
1394	1460343_at	0.009378	2641.17	3525.5	Neur1	AF401228	NM_021360

Table 10

1395	1415840_at	0.00939	2918.67	3264.37	Elovl5	NM_134255	NM_134255
1396	1421606_a_at	0.009417	2869.27	3884.8	Sult4a1	NM_013873	NM_013873
1397	1420878_a_at	0.00943	1214.2	1533.6	Ywhab	NM_018753	NM_018753
1398	1435527_at	0.009438	647.43	862.43	1500041016Rik	BB533448	---
1399	1417752_at	0.00944	243.93	366.4	Coro1c	NM_011779	NM_011779
1400	1456037_x_at	0.009449	516.47	667.3	Preb	BB25012	NM_016703
1401	1420847_a_at	0.009468	275.13	412.03	Fgf1r2	NM_010207	NM_010207 /// NM_201601
1402	1459702_at	0.009494	67.67	121.93	---	BB748702	---
1403	1443170_at	0.009512	1405.27	2360.6	---	AM554599	---
1404	1450779_at	0.009523	1369.6	2389.17	Fabp7	NM_021272	NM_021272
1405	1417890_at	0.009524	5738.57	7121.1	Pdxp	NM_020271	NM_020271
1406	1420864_at	0.009556	175.37	233.33	Zfp161	NM_009547	NM_009547
1407	1416036_at	0.009557	6503.47	8677.67	Fkbp1a	AF483488	NM_008019
1408	1444396_at	0.009567	88.2	206.23	Tfp53inp2	BB546845	NM_178111
1409	1446793_at	0.009587	71.67	131.67	---	BB091198	---
1410	1419250_a_at	0.00959	1015.57	1430.03	Pfck1	AI327038	NM_011074
1411	1429265_a_at	0.009608	1084.5	1215	Rnf130	AK011088	NM_021540
1412	1433443_a_at	0.009614	6490.9	8457.47	Hmgcs1	BB705380	NM_145942
1413	AFFX-Bioc-3_at	0.009618	1755.4	2513.97	b10C	AFFX-Bioc-3	---
1414	1423862_at	0.009635	162.8	208.37	Plekha2	BE986504	NM_175175
1415	1423087_a_at	0.009638	4036.93	5311.73	1110002E23Rik	BB453951	NM_025365
1416	1448891_at	0.009674	241.6	260.07	Msr2	BC016551	NM_030707
1417	1416439_at	0.009687	739.6	885.17	2410015N17Rik	NM_023203	NM_023203
1418	1425929_a_at	0.0097	4103.33	4598.97	Rnf14	AF249668	NM_020012
1419	1425201_a_at	0.009726	194.8	241.13	Hyl	BC024619	NM_026601
1420	1426329_s_at	0.009731	856.97	1094.97	BaalC	AF371320	NM_080640
1421	1433444_at	0.009766	3531.1	5621.97	Hmgcs1	BB705380	NM_145942
1422	1426327_s_at	0.009795	380.77	476.87	Cntf	Zfp91	U05343
1423	1424736_at	0.009813	9218.03	10540.83	Bef2	BC007152	NM_007907
1424	1428718_at	0.009817	1377.2	1682	Scrn1	AW490544	NM_027268
1425	1450255_at	0.009858	59.73	115.2	Cdgap	NM_020260	NM_020260
1426	1436077_a_at	0.009871	608.27	930.63	Fchol	BF730694	NM_028715
1427	1426579_at	0.009873	744.23	1038.93	Gn12	BM199850	NM_145552
1428	1435942_at	0.009894	115.57	248.87	Kcng2	BE993301	NM_001003824 /// NM_001003825 /// NM_001006668 ///
NM_001006669	/// NM_001006674	/// NM_001006675	/// NM_001006676	/// NM_001006677	/// NM_001006678	/// NM_001006679	///
NM_001006680	/// NM_010611						
1429	1425851_a_at	0.009915	196.73	360.1	Amigol	BC022907	NM_001004293 /// NM_146137
1430	1452712_at	0.009917	2885.77	3260.6	Hnrpa3	AK011930	NM_146130 /// NM_198090
1431	1425563_s_at	0.009922	864.13	1017.1	Pcdh10	AF334801	NM_011043
1432	1455207_at	0.009928	490	599.93	LOC544825	BE692205	XM_484107

Table 10

1433	1454784_at	0.009943	1094.47	1584.4	HS3st2	AV340742	XM_112440
1434	1449474_at	0.009951	2340.87	3213.33	NeIf	NM_020276	NM_020276
1435	1421097_at	0.009968	528.43	697.73	Endog	NM_007931	NM_007931

Table 11

%Monoclonal deprivation (4 days) plus IGF1 versus control									
%Upregulated in short term MD+IGF1									
%Significance criterion = 0.01									
%	afyid	P	data	control	gene	figt	D230007K08rik	AFEX-18SRNAMur/X00686_M	
1	AFEX-18SRNAMur/X00686_M_at	0.001479	5164.53	78.67	Man2b2	figt	D230007K08rik	AFEX-18SRNAMur/X00686_M	
2	NM_008550 /// NM_133779 /// XM_484522 /// XM_622590	0.000103	18858	199.5	LOC85068	AFEX-18SRNAMur/X00686_3	XM_358030		
3	AFEX-18SRNAMur/X00686_3_at	589.77	334.43	Mbd4	AF072249	NM_010774			
4	1449490_at	0.000002	714.17	340.67	Matn2	BC005429	NM_016762		
5	1419442_at	0.000003	2129.87	1704.37	LOC545856	BB238427	XM_620331		
6	1436824_x_at	0.000007	1197.03	768.83	Zcchc12	AK012833	NM_028325		
7	1428434_at	0.000013	2524.27	1801.27	Scn3b	BE951842	NM_153522 /// NM_178227		
8	1438167_x_at	0.000013	1015.6	639.73	Flcn	AV269574	NM_146018		
9	1423848_at	0.000014	682.67	440.9	Mphosph6	BC008161	NM_026758		
10	1449303_at	0.000014	2580.17	1806.87	Sezn3	NM_030261	NM_030261		
11	1455128_x_at	0.000015	866.37	562.2	Thrc6a	BG342407	XM_486002		
12	1438971_x_at	0.000017	2494.07	1637.5	Ube2h	BB447627	NM_009459		
13	1455145_at	0.000018	1562.77	933.53	BM15577	---	---		
14	1422768_at	0.000021	823.9	575.07	Syncrip	BG920261	NM_019666 /// NM_019796		
15	1434790_a_at	0.000021	1489.43	1060.7	Lt44h	BI696719	NM_008517		
16	1420088_at	0.000022	3729.17	2573.03	---	AI462015	---		
17	1429201_at	0.000023	1277.1	991.27	Cy1d	AK013508	NM_173369		
18	1436678_at	0.000023	542.73	371.33	---	AI844814	---		
19	1451254_at	0.000029	2607.43	1943.37	Ikbkap	AF367244	NM_026079		
20	1436350_at	0.000029	2007.5	1387.37	D430039N05rik	BM17463	NM_175514		
21	1434283_at	0.000035	1123.67	692.7	Arid5b	BB079486	NM_023598		
22	1433488_x_at	0.000037	2540.03	1755.5	Gns	BB543167	NM_029364		
23	1449738_s_at	0.000042	479.8	423.07	Exoc8	C80158	NM_027148		
24	1439616_at	0.000043	405.93	251.13	---	BI67055	---		
25	1460577_at	0.000043	1292.13	839.8	Jmy	BQ031479	NM_021310		
26	1455940_x_at	0.000045	3941.93	2200.7	Wdr6	BB453609	NM_031392		
27	1417718_at	0.000047	3358.17	2982.53	E1f3s4	BC008511	NM_016876		
28	1449353_at	0.000049	2366.27	1940.57	Wigl	NM_009517	NM_009517		
29	1419639_at	0.000054	1884.9	1177.43	Efnb2	U30244	NM_010111		
30	1434141_at	0.000055	3795.33	2652.6	Gucyl1a3	BG072799	NM_021896		
31	1424586_at	0.000057	1596.4	1277.97	Ehbp1	AF424697	NM_153078		
32	1455633_at	0.000059	464.6	338.9	Zfp647	BB040500	NM_172817		

Table 11

33	1455398_at	0.000062	1137.63	767.97	Irfc8c	BB333759	NM_133897	
34	1448434_at	0.000071	1955.37	1490.33	Raf103	NM_009543	NM_009543	
35	1423666_s_at	0.000072	1145.03	798.7	Rp15	BM114165	NM_016980	/// XM_619552 /// XM_619607 /// XM_619831 ///
XM_620340								
36	1448208_at	0.000073	1043.4	771.37	Smad1	NM_008539	NM_008539	
37	1452974_at	0.000075	375.97	252.5	Nc18	AK017551	XM_484255	
38	1435749_at	0.000079	6612.23	5134.63	Gda	AW911807	NM_010266	
39	1436051_at	0.000081	4879.7	4415.23	9630007J19Rik	BQ174518	---	
40	1429178_at	0.000082	2747.43	2356.3	Odz3	BB472509	NM_011857	
41	1460545_at	0.000083	1746.13	1324.2	Thrap3	BB531820	NM_146153	
42	1424223_at	0.000091	2896	2250.03	1700020C11Rik	BC019205	NM_026443	
43	1435593_at	0.000093	1690.1	1267.43	Ypel5	BB316456	NM_027166	
44	1420127_s_at	0.000093	1171.9	946.27	Ccpg1	C85100	NM_028181	
45	1434539_at	0.000093	2056.93	1453.83	Irfn3	AI852420	NM_010733	
46	1448788_at	0.0001	2844.53	2343.23	Cd200	AF004023	NM_010818	
47	1451145_s_at	0.000104	2946.97	2426.93	0610039A15Rik	BC004641	NM_175101	
48	1441224_at	0.000117	1125.8	804.43	---	BB394637	---	
49	1417719_at	0.000119	523.13	383.13	Sap30	NM_021788	NM_021788	
50	1448708_at	0.000124	908.57	625.73	Pparbp	NM_134027	NM_013634	/// NM_134027
51	1437436_s_at	0.000124	1325.27	1008.07	Gprk6	BB461269	NM_011938	
52	1435025_at	0.000125	1633.07	1314.83	4930415J21Rik	AW539314	NM_177767	
53	1451113_a_at	0.000129	2504.5	2005.27	Lk	BC014739	NM_011879	
54	1435464_at	0.000129	2111.2	1618.13	1110035E01Rik	BB701294	NM_133697	
55	1426852_x_at	0.000132	6493.57	3603.03	Nov	X96585	NM_010930	
56	1439464_s_at	0.000132	1661.87	1035.33	Tex10	AV278060	XM_485378	
57	1417702_a_at	0.000133	1187.3	648.1	Hmt	NM_080462	NM_080462	
58	1441640_at	0.000138	129.03	66.97	---	BM116859	---	
59	1436935_x_at	0.000141	8707.1	7201.47	Clns1a	BB168483	NM_023671	
60	1447788_s_at	0.000142	2093.7	1348.87	Tspyl3	BB308532	NM_198617	
61	1455665_at	0.000145	1603.47	1278.63	---	BB705689	XM_146279	
62	1440084_at	0.000146	635.17	431.33	---	AV380966	---	
63	1441937_s_at	0.000146	5352.2	4761.93	Pink1	AV371921	NM_026880	
64	1417984_at	0.000149	959.93	816.4	Ube2v2	AY241588	NM_023585	
65	1452908_at	0.000151	1927.87	1534.5	MGL:2385920	BB794700	XM_147419	/// XM_623014
66	1434003_a_at	0.000152	737.27	438.37	Dhps	AV033768	NM_201408	
67	1438000_x_at	0.000154	3714	2431.4	Zfp622	BB026724	NM_144523	
68	1450928_at	0.000156	1882.63	1051.43	Id4	BB121406	NM_031166	
69	1440343_at	0.000157	676.03	424.83	Rps6ka5	BQ174267	NM_153587	
70	1451998_at	0.000159	492.1	371.67	4930485D02Rik	BC024597	NM_175225	
71	1436833_x_at	0.00017	2956.93	2079.23	Tcl11	BB251824	NM_178869	

Table 11

72	1423144_at	0.000171	636.17	488.77	Pik3ca	AI528567	NM_008839
73	1416041_at	0.000175	5184.03	2560.33	Sgk	NM_011361	NM_011361
74	1454752_at	0.000177	848.77	566.4	Al606861	AV307961	---
75	1418304_at	0.000178	242.27	87.67	Pcdh21	NM_130878	NM_130878
76	1428287_at	0.000179	821.47	622	Cu15	BB702110	NM_027807
77	1439768_x_at	0.00018	1056.77	780.4	Sema4f	BB271145	NM_011350
78	1434429_at	0.000181	2973.37	1548.9	Syt16	AV348245	NM_172804
79	1434688_x_at	0.000183	1614.03	1390.43	Drg1	BM506525	NM_007879
80	1417948_s_at	0.000184	1147.2	849.43	Ilf2	NM_026374	NM_026374
81	1448863_a_at	0.000185	946.87	667.33	Tnfrsf1	AK004593	NM_009395
82	1458802_at	0.000185	1945.77	1280.2	Hivep3	BB164127	NM_010657
83	1437466_at	0.00019	2848.57	2098.13	Alcam	AV315205	NM_009655
84	1456464_x_at	0.000191	5931.73	3449.87	Sytl1	BB129990	NM_018804
85	1435203_at	0.000193	2022.33	1539.97	Man2a2	BB794673	NM_172903
86	1415948_at	0.000196	837.33	576	Creg1	BC027426	NM_011804
87	1454782_at	0.000196	3274.63	2520.9	Bai3	BE979636	NM_175642
88	1423159_at	0.000197	2225.27	1826.23	Dld	AI647805	NM_007861
89	1423069_at	0.0002	5457.9	4690.5	Adnp	AK004270	XM_619846
90	1444615_x_at	0.0002	746.93	411.8	Cbfa2l1h	AV327778	NM_009822
91	1454809_at	0.000203	2435.4	1664.47	Ncoa7	BE686893	NM_172495
92	1435818_at	0.000206	515.2	352.63	---	BB357312	---
93	1436407_at	0.000208	866.83	680.9	Rnf19	AF120206	NM_013923
94	1417508_at	0.000211	1592.73	1209.73	Rnf19	AF120206	NM_013923
95	1451310_a_at	0.000217	6312.07	4589.7	Cts1	J02583	NM_009984
96	1418330_at	0.000219	1588.83	1199.97	Ctcf	BB836888	NM_007794
97	1418505_at	0.000225	5713.2	5031.1	Nudt4	NM_027722	NM_027722
98	1434565_at	0.000227	796.53	609.43	Cgrrf1	AV305616	NM_026832
99	1455584_at	0.000227	2318.2	1605.57	Sdf4	BG064675	NM_011341
100	1434581_at	0.000232	1874.33	1359.7	---	BB167663	---
101	1417960_at	0.000233	622.97	513.93	Cpeb1	NM_007755	NM_007755
102	1429615_at	0.000234	3273.67	2852.7	Zfp91	AI430439	---
103	1423817_s_at	0.000235	2367.07	1736.67	2010315L10Rik	AF353245	NM_025917
104	1454699_at	0.000235	1659.67	1030.33	Sesn1	BG076140	NM_001013370
105	1434260_at	0.000237	910	731.07	Fchs2	BB461848	NM_199012
106	1422624_at	0.000243	558.43	417.67	Rev11	NM_019570	NM_019570
107	1429167_at	0.000244	482.4	304.17	843043M01Rik	BM221159	NM_140320
108	1416709_a_at	0.000247	1157.4	964.93	Ngrn	NM_031375	NM_031375
109	1436390_a_at	0.000248	512.9	311.87	C1cc1	BI412445	NM_145543
110	1427167_at	0.000249	1499.83	1167.83	AI448196	BE865094	NM_621091
111	1421048_a_at	0.00025	1080.13	844.5	Ypel1	NM_023249	NM_023249



Table 11

112	1424642_at	0.000252	886.03	655.57	Thoc1	BC024951	NM_153552		
113	1426999_at	0.000259	2352.73	1943	2700069A02Rik	BM198642	NM_001008506	///	NM_029334
114	1438320_s_at	0.00026	559.2	414.37	Mcm7	BB464359	NM_008568		
115	1458112_at	0.000266	751	583.7	Adarb2	BB527550	NM_052977		
116	1438211_s_at	0.000268	3606.23	1988.83	Ddp	BB550183	NM_016974		
117	1423687_a_at	0.00027	1641.57	1136.6	Man2c1	BC016253	NM_028636		
118	1454969_at	0.000271	1119.57	687.4	E130115E03Rik	AV299725	NM_177139		
119	1433668_at	0.000274	2805.6	2105.53	Pmrcl	BT410130	NM_131355		
120	1428715_at	0.000277	1633.77	1294.97	2810423A18Rik	AK013141	---		
121	1434766_at	0.000279	1324.03	937.6	Prkaa2	BQ175911	NM_178143		
122	1440545_at	0.00028	847.93	419.63	---	BQ176278	---		
123	1438610_a_at	0.000282	414.6	330.63	Cryz	BB793369	NM_009968		
124	1438654_x_at	0.000286	2388.9	1846.03	Mmd2	AV269411	NM_175217		
125	1422880_at	0.000287	1919.6	1360.13	Syp1	BB333485	NM_013635	///	NM_198710
126	1449616_s_at	0.00029	773.27	528.43	Golga3	AW490576	NM_008146		
127	1451131_at	0.000297	3693.63	2544.83	Ar16ip1	AF133669	NM_019419		
128	1452159_at	0.000298	1939.77	1349.3	2310001A20Rik	AJ310638	NM_027977		
129	1422607_at	0.000299	1533.17	1019.2	Etv1	NM_007960	NM_007960		
130	1416131_s_at	0.000311	2080.03	1344.77	C920006C10Rik	BB188557	NM_133766		
131	1424683_at	0.000314	2515.1	1967.27	1810015C04Rik	BC019494	NM_001034851	///	NM_025459
132	1417515_at	0.000315	547.87	425.93	Ism10	NM_138721	NM_138721		
133	1428529_at	0.000322	481.13	298.9	2810026P18Rik	AK012825	---		
134	1434558_at	0.000323	3308.33	2922.43	Wdr47	BG075633	NM_181400		
135	1435416_x_at	0.000324	3209.1	2557.93	Pdg	BB393168	NM_011822		
136	1437527_x_at	0.000328	2464.4	1663.63	Mcl1	AV318494	NM_008562		
137	1429022_at	0.000331	1646.9	1210.77	Adcyap1r1	AK013587	NM_001025372	///	NM_007407
138	1445202_at	0.000343	2231.23	1787.17	---	BB526676	---		
139	1416499_a_at	0.000346	3038.53	1527.6	Dctn6	NM_011722	NM_011722		
140	1423791_at	0.000346	1964.57	1608.23	Ik	BC014739	NM_011879		
141	1436424_at	0.000346	522.3	348.4	1600020E01Rik	BG070208	NM_489143		
142	1440359_at	0.000347	293.77	233.07	1700012H17Rik	BB427277	NM_173426		
143	1428684_at	0.000357	350.27	278.43	---	BG065846	---		
144	1455089_at	0.000364	1581.97	1264.7	Gng12	AW228775	NM_025278		
145	1429940_at	0.000365	878.5	609.53	Cdc73	BM935271	NM_145991		
146	1426380_at	0.000366	4067.9	2841.3	E1f4b	AW741459	NM_145625		
147	1420870_at	0.000369	715.77	493.97	Mllt10	BB353133	NM_010804		
148	1424634_at	0.00037	1986.83	1518.17	Tceal1	BC011290	NM_146236		
149	1424200_s_at	0.000371	1631.43	1300.7	Sehl1	AW537349	NM_028112		
150	1443790_x_at	0.000377	700.7	436.3	4930414I22Rik	AV208084	---		
151	1426877_a_at	0.000378	1685.7	1041.4	2610016F04Rik	AK020971	NM_619217		

Table 11

152	1424588_at	0.000384	4031.37	3059.53	Srgap3	AF481964	NM_080448	///	NM_153070
153	1418401_a_at	0.000385	464.2	321.63	Dusp16	NM_130447	NM_130447	///	NM_181320
154	1436624_at	0.000388	4076.13	3269.67	Dnm3	BE988832	NM_172646		
155	1434735_at	0.00039	2961.83	1897.9	Hlf	BB744589	NM_172563		
156	1417424_at	0.000391	1623	1191.73	Ter3ip1	BE287896	NM_025409		
157	1450642_at	0.000395	3560.83	2199.77	3110001I20Rik	NM_133725	XM_485063		
158	1429002_at	0.000398	2196.63	1306.37	Skilp	C79000	NM_025507		
159	1436917_s_at	0.0004	715.73	414.5	Gpsm1	BB491018	NM_153410		
160	1440822_x_at	0.0004	844.83	519.83	Reps1	BB333366	NM_009048		
161	1434676_at	0.000401	2282.97	1794.63	Mcmr9	BML18290	NM_177594		
162	1455389_s_at	0.000401	1760.77	1386.53	2310051F07Rik	NM_177594	AT415636	---	
163	1427192_a_at	0.000413	894.43	673.5	Brd8	BM219644	NM_030147		
164	1452716_at	0.000416	3954.07	2795.47	5730469M10Rik	AK017688	NM_027464		
165	1455409_at	0.000416	2354.73	1750.53	Spire1	BM234794	NM_176832	///	NM_194355
166	1450712_at	0.000428	2677.27	1851.37	Kcnj9	NM_008429	NM_008429		
167	1451076_s_at	0.000436	1990.37	1555.93	Gai1	BC005598	NM_145380		
168	1454785_at	0.000438	998.57	870.63	Dusp11	BE951717	NM_028099		
169	1456509_at	0.000444	1011	563.2	1110032F04Rik	BB382807	XM_485253		
170	1448909_a_at	0.000451	3784.2	2869.23	Mcp139	NM_017404	NM_017404		
171	1423831_at	0.000452	722.47	610.37	Ptkag2	BB756794	NM_145401		
172	1434087_at	0.00046	418.17	325.73	Mthfr	BG069750	NM_010840		
173	1434462_at	0.000466	322.27	213.3	BC088983	BE765964	NM_00100951		
174	1434674_at	0.000471	1096.1	780.9	Lyst	BB463428	NM_010748		
175	1424674_at	0.000473	1902.6	1229.6	Slc39a6	BB825002	NM_139143		
176	1448405_a_at	0.000473	9393.43	7086.83	Crl1	BC010712	NM_025613		
177	1439244_a_at	0.000474	1480.57	1024.1	Thrc6a	BB822587	XM_486002		
178	1422486_a_at	0.000478	3333.03	2703.13	Smad4	AK004804	NM_008540		
179	1428377_at	0.00048	708.07	519.4	Btbd11	AK018115	NM_001017525	///	NM_028709
180	1435478_at	0.000481	2321.03	1514.3	Wdr26	BM249707	---		
181	1450376_at	0.000483	3430	2809	Mx11	BB825697	NM_001008542	///	NM_010847
182	1434890_at	0.000489	5455.4	4596.53	Opal	BG072813	NM_133752		
183	1424677_at	0.00049	482.67	353.57	Cyp2j9	AF336850	NM_028979		
184	1452155_a_at	0.000491	5565.9	4634.63	Ddx17	BC027069	NM_152806	///	NM_199079
185	1447277_s_at	0.000491	6468.97	4925.5	Pcyox1	BB785407	NM_025823		
186	1455165_at	0.000492	1735.17	1220.6	Rora	BB335227	NM_013646		
187	1434011_a_at	0.000499	2315.9	1698.2	1110055N21Rik	AV014698	NM_176843		
188	1435821_s_at	0.000503	853.9	504.77	Pp1r8	BB397392	NM_146154		
189	1440953_at	0.000507	108.1	50.23	1700096K18Rik	BB349188	---		
190	1448400_a_at	0.000508	573.5	330.7	Smarcd2	NM_031878	NM_031878		
191	1448526_at	0.000508	2889.87	2470.97	Kpnbl	NM_008379	NM_008379		

Table 11

192	1429129_at	0.000515	309.37	215.63	Lrrcc1	AK004646	NM_028915
193	1422886_a_at	0.000516	1024.87	713.63	C1k4	NM_007714	NM_007714
194	1440215_at	0.000516	634.3	482.23	C130086A10	BG068916	NM_173746
195	1434645_at	0.000518	992.63	737.97	C530008M17Rik	BB493717	XM_287460
196	1437524_x_at	0.000518	1834.37	1542.43	Coro7	BB534801	NM_030205
197	1460038_at	0.000523	1030.87	779.97	Pou3f1	BG065255	NM_011141
198	1423956_at	0.00053	3405.57	2870.1	Smag1	BC006946	NM_028534
199	1440880_at	0.000534	759.57	593.4	Mypel	BI648107	NM_172630
200	1433767_at	0.000539	2302.77	2031.3	1110018G07Rik	AV257687	NM_178065
201	1448972_at	0.000547	3176.4	2474.6	Grial	NM_008165	NM_008165
202	1419406_a_at	0.000548	3189.1	2125.13	Bcl11a	NM_016707	NM_016707
203	1428656_at	0.00055	1432.07	1175.23	Rnasen	BG072418	NM_026799
204	1455437_at	0.000551	2510.8	1683.37	BC033915	AV369969	NM_027498
205	1428219_at	0.000553	2788.97	2098	Rybp	AK010548	NM_019743
206	1435028_at	0.000558	5995.1	4535.8	Wdr7	BB795506	XM_140391
207	1455047_at	0.000562	1459.23	1110.8	Fbxo3	AV024918	NM_020593
208	1434521_at	0.000568	1055.43	800.23	Rfxdc2	BB148972	---
209	1440825_s_at	0.000572	946.4	530.27	Ccdc28a	AV100366	NM_144820
210	1459838_s_at	0.000584	1140.27	798.47	Btdb11	BB230894	NM_001017525
211	1423819_s_at	0.000587	6112.67	4225.67	Arleip1	AF133669	NM_019419
212	1418594_a_at	0.000589	3384.43	2614.67	Ncoai	NM_010881	NM_010881
213	1434692_at	0.00059	779.57	480.27	1110034B05Rik	AW544518	XM_283610
214	1426851_a_at	0.000596	6019.07	3069.07	Nov	X96585	NM_010930
215	1456377_x_at	0.000596	3040.1	2123.77	0610025L06Rik	AV010467	NM_198014
216	1424824_at	0.000597	915.13	710.9	9630044O09Rik	BB704967	NM_198014
217	1448111_at	0.000611	803.1	621.5	Ctsp2	NM_018737	NM_018737
218	1426628_at	0.000617	4269.33	3300.73	Tmem34	BB431503	NM_145599
219	1451669_at	0.000624	5742.4	4506	Ppmlb	AJ271836	NM_011151
220	1425484_at	0.000625	623.4	320.07	Tox	BB547854	NM_145711
221	1452734_at	0.000625	2474.53	2039.03	Rnasct2	BI410170	NM_026611
222	1419668_at	0.000628	1591.57	1141.97	Sgcb	AK014381	NM_011890
223	1422695_at	0.000628	4048.8	3097.07	Ttyh1	Tafl	NM_021324
224	1452945_at	0.000629	665.9	575.53	2610020C11Rik	AK011480	NM_028130
225	1422638_s_at	0.000634	652.73	365.27	Rassf5	NM_018750	NM_018750
226	1451499_at	0.000636	4427.7	3684.33	Cadps2	AF000969	NM_153163
227	1429723_at	0.00064	2637.57	2254.6	6330409N04Rik	AK018153	NM_025697
228	1454687_at	0.000642	2058.33	1533.67	Lrfn5	BB371739	NM_178714
229	1418183_a_at	0.000644	1897.73	1423.33	Pscd1	AB013464	NM_011180
230	1426925_at	0.000646	302.03	197.7	Mnab	AA709668	XM_130233
231	1415841_at	0.000648	2858.1	2237.73	Dncic2	NM_010064	NM_010064

Table 11

232	1439117_at	0.000651	598.7	406.1	Clmn	AU067755	NM_053155		
233	1448702_at	0.000652	1963.47	1603.33	Ier3ip1	BE287896	NM_025409		
234	1443960_at	0.000652	1337.8	1127.1	---	BQ175377	---		
235	1417848_at	0.000657	1429.6	1222.07	MGI:2180715	AW413620	NM_133218		
236	1436941_at	0.000668	476.03	365.7	Gm1752	BB626288	NM_358860		
237	1428570_at	0.00067	450.93	383.2	Ccnc	AK009615	NM_016746		
238	1436027_at	0.00067	536.97	431.17	Osbp111	BM220135	NM_176840		
239	1456393_at	0.000671	4448.83	3082.57	2310002J21R1k	AI642124	---		
240	1421840_at	0.000675	2220.1	1076.23	Abca1	BB144704	NM_013454		
241	1452870_at	0.000688	379.57	183.33	Apafl	AK018076	NM_009684		
242	1447894_x_at	0.000692	768.23	506.87	Vps52	BB429200	NM_172620		
243	1426961_at	0.000695	1932.47	1378.43	Phf20	BB308157	NM_133187		
244	1455507_s_at	0.000696	1163.57	800.63	D8Ert587e	BM223036	---		
245	1434389_at	0.000702	1064.67	937.17	---	BQ176656	---		
246	1455161_at	0.000704	1949.7	1390.83	AI504432	BB202185	NM_173787		
247	1438295_at	0.000706	335.07	159.23	Glcc11	BM247146	NM_133236	///	NM_178072
248	1434704_at	0.000707	2733.43	2456.23	---	BB529352	---		
249	1434392_at	0.00071	2948.43	2277.73	Usp34	BM235696	NM_483996		
250	1417182_at	0.000711	1057.4	868.7	Dnaja2	C77509	NM_019794		
251	1455729_at	0.000715	3542.17	2947	Gnaq	AV154513	NM_008139		
252	1427923_at	0.000719	1359.2	996.57	Zmpste24	BM233793	NM_172700		
253	1436135_at	0.00072	702.27	463.8	Nlgn3	AV345687	NM_172932		
254	1449123_at	0.000722	456.7	306.4	Itih3	NM_008407	NM_008407		
255	1437163_x_at	0.000724	634.97	417.5	Gtf2h4	BI168668	NM_010364		
256	1429047_at	0.000727	1618.4	1182.53	Rtfl	AW120535	NM_283757		
257	1452937_s_at	0.000728	745.67	501.5	Ccdc28b	BQ031123	NM_025455		
258	1453473_a_at	0.000732	2988.8	2273.17	Tctex1	BG094946	NM_009342		
259	1451222_at	0.00074	2232.33	1707.53	Btf314	AK011367	NM_027453		
260	1435266_at	0.000743	2112.5	1417.03	9330112M16	BB495464	---		
261	1418942_at	0.000747	888.17	647.27	Ccdc2	NM_026319	NM_026319		
262	1424394_at	0.000749	2090.63	1826.83	MGI:2149786	AY043488	NM_053267		
263	1441258_at	0.000749	150.2	85.13	AF529169	BB316516	NM_153509		
264	1454805_at	0.000753	1554.4	1310.67	Wtap	AV141160	NM_175394		
265	1439107_a_at	0.000755	1819.93	1125.7	ML15	BF021054	---		
266	1456056_a_at	0.000762	3367.57	2678	D6Wsu116e	AV338866	NM_026585		
267	1415855_at	0.000766	2622.77	1450.07	Ktfl	BB815530	NM_013598		
268	1451984_at	0.000772	2246.53	1858.53	Hnrpu11	BC021506	NM_144922	///	NM_178089
269	1439271_x_at	0.000774	3022.3	2103	Ik	AV255179	NM_011879		
270	1433501_at	0.000777	1322.27	1107.67	Ctso	BG230336	NM_177662		
271	1435021_at	0.000779	8109.13	6898.07	Gabrb3	BQ175666	NM_008071		

Table 11

272	1423073_at	0.000787	5702.77	4814.03	Cmpk	BI157572	NM_025647	
273	1428561_at	0.00079	3031.93	2507.83	2610002J23Rik	AK011292	---	
274	1433564_at	0.000798	1279.73	1087.97	Dgkd	BB094429	XM_484893	
275	1437556_at	0.000798	127.8	75.8	Zfux4	BF147593	NM_030708	
276	1423671_at	0.000804	4114.97	2847.17	Dner	AF370126	NM_152915	
277	1448527_at	0.000808	2854.1	2276.23	Pdccl0	AV094856	NM_019745	
278	1438976_x_at	0.000809	1098.7	617.37	Mat2a	BB372730	NM_145569	
279	1451019_at	0.00081	1202.3	706.83	Ctsf	AK017474	NM_019861	
280	1415981_at	0.000812	2042.03	1535.87	503140M07Rik	AV258950	NM_020586	
281	1449628_s_at	0.000817	4318.7	3316.67	Stard7	BC019521	NM_026752	
282	1424670_s_at	0.000826	801.1	634.07	Zfyve21	BC019521	NM_139308	
283	1451264_at	0.000828	1144.83	870.7	Fmtd6	BC019939	NM_028127	
284	1424604_s_at	0.000836	376.2	240.27	Sumf1	BC026981	NM_145937	
285	1436441_at	0.000839	387.17	202.37	---	AV230399	---	
286	1443779_s_at	0.000842	777.17	614.1	A630025C20Rik	BB239253	NM_172154	
287	1423236_at	0.000847	1152.9	808.97	GaInt1	BM217066	NM_013814	
288	1415929_at	0.000849	8381.6	7391.57	Map1c3b	AV080586	NM_026160	
289	1454673_at	0.00085	709.77	555.6	Wasf2	BM207372	NM_153423	
290	1440148_at	0.00085	299.53	147.17	Gpr6	AI852874	NM_199058	
291	1427432_a_at	0.000852	2962.83	2130.33	Sfrs10	BM238387	NM_009186	
292	1435529_at	0.000853	328.27	260.23	Ifit3	BM245961	NM_010501	
293	1421882_a_at	0.000858	5642.07	4696.43	Elav12	BB105998	NM_010486	/// NM_207685 /// NM_207686
294	1428930_at	0.00086	566.07	342.7	633054D07Rik	AK012546	XM_356361	
295	1455334_at	0.00086	626.3	398.83	C85843	BG067299	---	
296	1455333_at	0.00087	1660.3	1091.97	Ths3	AT315031	XM_109868	
297	1434384_at	0.000873	2068.47	1490.33	Nr1p1	BB764550	NM_173440	
298	1417438_at	0.000875	1397.5	1226.13	Rdh14	NM_023697	NM_023697	
299	1417707_at	0.000876	1103.97	657.83	B230342M21Rik	NM_133898	NM_133898	
300	1416919_a_at	0.000882	223.33	149.03	Nph1	NM_016902	NM_016902	
301	1435160_at	0.000882	725.23	443.47	1110064P04Rik	BM120737	NM_172391	
302	1417471_s_at	0.000883	2568	1910	Dlertd622e	NM_133825	NM_133825	
303	1440910_at	0.000883	1773.77	1335.23	---	AW495307	---	
304	1438969_x_at	0.000886	2375.27	1722.57	Dhx30	BB105391	NM_133347	
305	1436088_at	0.000886	2904.63	2362.03	0910001A06Rik	AV033641	NM_144846	
306	1454930_at	0.000888	969.2	855.9	Lrrc35	BB540721	NM_173038	
307	1428334_at	0.000893	2398.97	1844	Ostml	AK004546	NM_172416	
308	1434073_at	0.000893	2866.23	2315.1	Gprasp2	BB028100	XM_142154	
309	1460455_at	0.000895	3447.3	2390.4	1110059H15Rik	BB667784	XM_485005	
310	1443830_x_at	0.000896	1568.83	1017.53	Rnf103	AV337847	NM_009543	

Table 11

311	1435698_at	0.000903	995.03	832.77	4921505C17Rik	BQ176694	NM_030168
312	1421750_a_at	0.000905	4007.67	2908.57	Vbp1 NM_011692	NM_011692	
313	1435968_at	0.000906	7180	6085.2	---	BT194694	---
314	1452332_at	0.000907	1012.2	646.27	EO30025D05Rik	AW060797	NM_181577
315	1424283_at	0.000908	2818.37	1922.03	Jtb BC008139	NM_206924	
316	1448397_at	0.000914	2191.33	1404.03	Gjb6 BC016507	NM_001010937	/// NM_008128
317	1427640_a_at	0.000922	717.27	467.97	Cbfa2t1h	X79989	NM_009822
318	1424872_at	0.000924	763.13	597.87	2310001H12Rik	BC012405	NM_620240
319	1438018_at	0.000925	2196.23	1661.17	Hook1 BB463518	NM_030014	
320	1435694_at	0.000927	1690.9	1117.27	Arhgap26	BB127065	NM_175164
321	1434620_s_at	0.000934	1801.57	1296	2610024E20Rik	AV113735	NM_146084
322	1434313_at	0.000934	534.3	265.27	6330407D12Rik	BB762434	NM_175098
323	1426345_at	0.000939	10826.4	9895.83	Prep1 BB005298	NM_145984	
324	1421088_at	0.00094	326.87	171.97	Gpc4 BC006622	NM_008150	
325	1435991_at	0.000941	557.93	367.37	Nr3c2 BQ174990	NM_356093	
326	1448368_at	0.000947	1834.03	1553.23	Dctn6 NM_011722	NM_011722	
327	1425914_a_at	0.00095	2076.07	1771.8	Armcx1	BC021410	NM_030066
328	1422725_at	0.000952	170.73	96.63	Mak BG069425	NM_008547	
329	1435187_at	0.000957	3977.43	2918.3	Tomt20	BG064946	NM_024214
330	1418025_at	0.000958	2443.47	1151.63	Bhlhb2	NM_011498	NM_011498
331	1423374_at	0.00096	1552.53	1246.63	Ncoa6 BF224891	NM_019825	
332	1441178_at	0.000963	102.77	65.1	Dctwd2 BB818617	NM_355059	
333	1456243_x_at	0.000972	2017.83	1328.7	Mcl1 BB374534	NM_008562	
334	1435805_at	0.000974	4433.97	3240.27	Lan7a AV287586	NM_193582	
335	1415708_at	0.000975	2203.23	1843.07	At316828	D50523	NR_002321
336	1416267_at	0.000981	2849.7	2002	Scoc NM_019708	NM_019708	NR_002321
337	1457252_x_at	0.000982	298.23	192.4	Pld2 BB118582	NM_008876	
338	1438941_x_at	0.000988	1213.23	939.93	Ampd2 AV330806	NM_028779	
339	1415915_at	0.000989	3390.27	3013.1	Ddx1 NM_134040	NM_134040	
340	1448993_at	0.000996	3530.07	3039.53	Atg3 BC010809	NM_026402	
341	1421756_a_at	0.000998	1016.8	731.93	Gpr19 NM_008157	NM_008157	
342	1457302_at	0.000998	159.73	103.97	Slc20a2	BG144370	NM_011394
343	1452664_a_at	0.001002	967.93	724.93	Tm7sf3	AK010720	NM_026281
344	1459853_x_at	0.001005	576.67	421.8	BC031781	AV312901	NM_145943
345	1417857_at	0.001012	441	296.47	Mmaa NM_133823	NM_133823	
346	1426905_a_at	0.001013	1884.43	1356.53	Dnajc10	AV114239	NM_024181
347	1435343_at	0.001018	564.2	460.97	Dock10	BF715043	NM_129913
348	1416408_at	0.001027	2450.27	1967.43	Acx1 AB034914	NM_015729	
349	1426884_at	0.001027	3343.77	2819.87	1110007A06Rik	BG795169	NM_024288

Table 11

350	1449023_a_at	0.001028	946	644.8	Ezh1	NM_007970	NM_007970
351	1452765_at	0.00103	909.7	661.4	Sic39a9	AK012120	XM_484158
352	1448595_a_at	0.001036	8971.5	6247.6	Rex3	NM_009052	NM_009052
353	1451969_a_at	0.001043	18535.9	9632.9	Mapre2	BC027056	NM_153058
354	1433855_at	0.001045	3584.73	2984	Abat	BF462185	NM_172961
355	1426775_s_at	0.001046	5560.7	4973.57	Scamp1	BM115445	NM_029153
356	1456795_at	0.001046	363.4	277.87	D330027G24Rik	BB449568	---
357	1429220_at	0.001047	546.4	392.57	2810443J12Rik	AK013297	NM_026044
358	1449001_at	0.001049	377.4	206.7	Ivd	AV221988	NM_019826
359	1440153_at	0.001059	1703.97	1336.17	---	AI854555	XM_488788
360	1417535_at	0.001064	1974.57	1569.53	Fbxo25	NM_025785	NM_025785
361	1434877_at	0.001069	5954.13	4332.7	Nptx1	AI152800	NM_008730
362	1417409_at	0.001072	1327.4	979.03	Jun	NM_010591	NM_010591
363	1460558_at	0.001072	1830.23	1432.57	Gm631	AV295080	NM_199310
364	1427185_at	0.001079	2937.13	2504.6	MeF2a	AV255689	NM_001033713
365	1452896_at	0.001081	1478.1	1059.03	Gt13	AK011217	NM_008187
366	1449583_at	0.001083	598.43	454.43	Pcdhb20	NM_053145	NM_053145
367	1436422_at	0.001085	577.8	426.9	BC026590	BB459141	XM_485382
368	1457568_at	0.001086	1943.37	1482.47	C230004L04	BB380198	---
369	1455244_at	0.001089	1549.5	1296.37	Daaaml	BB794633	NM_026102
370	1418116_at	0.001093	1165.57	957.77	Mgl1	1929890	NM_022329
371	1436200_at	0.001093	723.07	463.23	Lonrf3	BE356940	NM_028894
372	1449197_at	0.001095	465.7	305.37	2310040A13Rik	NM_027149	NM_027149
373	1434875_a_at	0.001098	4311.7	3381.17	Hmgcn3	AV018952	NM_026122
374	1433552_a_at	0.001116	2792.7	2234.23	Polr2b	BQ177004	NM_153798
375	1455521_at	0.001117	1154.8	835.53	Klf12	BB753447	NM_010636
376	1452189_at	0.001119	3686.07	1764.37	9430077D24Rik	BB665652	XM_135109
377	1438531_at	0.001119	322.73	185.73	A730054J21Rik	EM119567	---
378	1433924_at	0.00112	5262.67	4071.93	Peg3	BM200248	NM_001010988
379	1426827_at	0.001121	1367.13	1052.47	A730098D12Rik	AV025877	---
380	1435630_s_at	0.001124	2210.77	1768.5	Pcat2	AV148646	NM_009338
381	1422798_at	0.001126	1184.73	1011.5	Ctnnap2	AU079588	NM_001004357
382	1422692_at	0.001128	3390.87	2558.77	Sub1	BE989104	NM_011294
383	1417369_at	0.001141	1271.23	1033.8	Hsd17b4	NM_008292	NM_008292
384	1420376_a_at	0.001142	4362.8	3519.23	H3f3b	NM_008211	NM_008211
385	1452975_at	0.001142	305.13	60.3	Agxt211	AK005060	NM_027907
386	1423335_at	0.001149	2917.4	2411.33	1110004F10Rik	AW545354	NM_019772
387	1418030_at	0.001154	361.53	210.57	Sico3a1	NM_023908	NM_023908
388	1418883_a_at	0.001156	6385.1	5128.2	Pabpc1	NM_008774	NM_008774
389	1451190_a_at	0.001161	1450.03	819.17	Sbkl	BC025837	NM_145587

10 of 44

Table 11

390	1454609_x_at	0.001164	1116.97	646.97	6430527G18R1k	BB770958	NM_145836
391	1448765_at	0.00117	1614.57	1299.37	Fyn	NM_008054	NM_008054
392	1416046_a_at	0.001174	870.77	670.23	Fuca2	BM054266	NM_025799
393	1424189_at	0.001178	640.73	555.7	Pigc	AK014096	NM_026078
394	1435524_at	0.001178	2570.53	2149.4	---	AV030603	---
395	1424697_at	0.001187	704.87	518.07	Dtwid1	BC020149	NM_026981
396	1456480_at	0.001187	2233	1862.3	9330186A19R1k	BB527078	NM_488539
397	1440413_at	0.001189	327.8	179.77	A830006F12R1k	BB800596	NM_177164
398	1424413_at	0.001193	2660.17	2032.83	Ogfr11	BE650508	NM_129809
399	1433702_at	0.001196	1489.07	1118.17	D19Wsu12e	BI663634	NM_358328
400	1426924_at	0.001198	4858.43	3391.67	Mnab	AA709668	NM_130233
401	1433969_at	0.001199	594.03	349.03	AU067824	AU067824	---
402	1423641_s_at	0.001201	3568.4	2719.2	Choct7	BC006021	NM_011135
403	1424466_at	0.001206	1297.17	1120.1	Ipo9	AF273672	NM_129442
404	1428154_s_at	0.001209	818.13	602.73	Ppapdc1	AK007542	NM_134059
405	1445124_at	0.001211	1107.07	738	A930009L07R1k	BI193580	---
406	1438413_at	0.001218	882.27	551.67	Semp7	AV231698	NM_001003971
NM_025483							/// NM_001003972
407	1436182_at	0.001225	2320.67	1681.6	Satb1	BG092481	NM_009122
408	1452000_s_at	0.001225	2900.97	2133.07	Sars1	BC008612	NM_011319
409	1438637_x_at	0.001226	2749.67	1521.73	Sf3b2	AV305279	NM_030109
410	1428756_at	0.001226	1153.1	916.23	Aasdhpc	AK013111	NM_026276
411	1436661_at	0.001232	1285.83	1135.17	Dpp10	BQ174532	NM_199021
412	1422418_s_at	0.001233	1820.87	1632.1	Supth4h1	Supth4h2	NM_011509
413	1437143_a_at	0.001234	2145.23	1573.47	Txndc1	AV310544	NM_028339
414	1448365_at	0.001235	1573.17	1361.3	Exosc7	NM_025568	NM_284543
415	1451237_s_at	0.00124	2383.03	1656.13	Rbm7	AF458961	NM_144948
416	1437007_x_at	0.001242	1592.4	1368.2	Usp39	BB446580	NM_138592
417	1452239_at	0.001245	723.23	531.33	Gt(ROSA)26Sor	U83174	---
418	1429054_at	0.001247	1166.43	883.87	MtPl47	AK009257	NM_029017
419	1422505_at	0.001249	681.93	523.23	Chract1	NM_053068	NM_053068
420	1415940_at	0.00125	3050.2	2333.83	Zfand2a	NM_133349	NM_133349
421	1459843_s_at	0.001255	1076.3	725.2	Smad1	BB257769	NM_008539
422	1440231_at	0.001256	4359.93	3378.83	5330427D05R1k	BM205212	NM_485258
423	1426361_at	0.001258	553.2	420.53	Zc3h11a	AV328883	NM_144530
424	1438930_s_at	0.001259	1884.87	1180.77	Mecp2	BB130002	NM_010788
425	1423672_at	0.001264	800.93	590.5	2510042P03R1k	BC026507	NM_485010
426	1452193_a_at	0.001267	4513.7	3297.33	Was1	BF466143	NM_028459
427	1440179_x_at	0.001267	802.03	626.33	LOC268291	BB268139	NM_193558



Table 11

428	1439389_s_at	0.001269	2234.17	1675.2	Myadm	BB500055	NM_016969
429	1456798_at	0.001271	271.13	196.43	9330118A15R1k	BB317517	---
430	1426271_at	0.001277	613.1	491.7	Smc511	AV257384	NM_153808
431	1454941_at	0.001277	2300.7	1374.7	Nmc1	BM207074	NM_008707
432	1429081_at	0.001289	2890.83	2176.9	2600014C01R1k	AK002923	NM_027375
433	1436982_at	0.001292	1352.9	1190.1	Thrc6b	BB788270	NM_144812 /// NM_177124
434	1435786_at	0.001294	1012.13	782.2	K1h112	AV306779	NM_153128
435	1424714_at	0.001301	1466.5	1049.57	Aldoc	BC008184	NM_009657
436	1436459_at	0.001301	385.43	170.9	---	BG073622	---
437	1444690_at	0.00131	1371.03	1140.6	Epha5	BE951744	NM_007937
438	1417323_at	0.001314	663.53	479.87	Dstc1	NM_019976	NM_019976
439	1428525_at	0.001318	5050.3	4094.47	4930488B01R1k	AK015642	---
440	1419165_at	0.001327	2130.33	1469.93	Zfp260	D45210	NM_011981
441	1454730_at	0.001334	1437.27	1173.93	4932414K18R1k	AV273867	NM_173764
442	1455823_at	0.001335	697.13	567.03	Bds4	BM224722	NM_175325
443	1423975_s_at	0.001336	828.13	643.33	Numal	BC006631	NM_133947
444	1437382_at	0.001341	1986.27	1558.87	Acv12a	BG06107	NM_007396
445	1437749_s_at	0.001341	960.47	744.2	Mrip19	BB315668	NM_030116
446	1430596_s_at	0.001345	99.07	44	1700110M18R1k	BG066866	XM_283372
447	1452251_at	0.001351	6443.83	5207.43	Nbea	AA986379	---
448	1440022_at	0.001354	88.03	71.6	Polc1p3	BM209781	NM_178627
449	1427280_at	0.001361	5577.5	4332.63	Scn2a1	AV338343	---
450	1439014_at	0.001365	1263.1	747.93	AA30031N04	BB703667	NM_177718
451	1425262_at	0.001373	682.47	584.47	Cebpγ	AB012273	NM_009884
452	1417351_a_at	0.001381	1286.57	1041.6	Snrpal	BC013777	NM_021336
453	1418887_a_at	0.001398	1094.83	859.2	D11Wsu9e	AV225714	NM_138598
454	1450937_at	0.001398	2269.07	1682.7	Lhn7c	BQ176612	NM_011699
455	1439843_at	0.001399	2874.23	2328.5	Camk4	A1840829	NM_009793
456	1449445_x_at	0.001409	1651.7	1172	Mefap1	BB436326	NM_026220
457	1423931_s_at	0.001412	2342.37	2029.47	Anapc4	BC024870	NM_024213
458	1452973_at	0.001414	2813.47	2275.4	Ppm1k	AK013741	NM_175523
459	1438630_x_at	0.001419	2897.2	1394.03	Mat2a	AV260654	NM_145569
460	1416557_a_at	0.001423	2025.47	1543.4	Etfud2	U97079	NM_011431
461	1452869_at	0.001424	556.67	432.07	Ptprf38b	AK003895	NM_025845
462	1434191_at	0.001426	273.77	204.8	AS30016006R1k	A1790538	NM_178767
463	1435632_at	0.001436	628.33	419.6	1110001M19R1k	AV112972	NM_001024205
464	1418854_at	0.001438	1082.63	866.4	Birc2	NM_007465	NM_007465
465	1436546_at	0.001449	535.53	417.27	6330549D23R1k	BM502719	NM_175469
466	1434937_at	0.001454	6115.37	5144.67	Phc1	AW546647	NM_207215
467	1415796_at	0.001466	4131.37	3499.8	Dazap2	NM_011873	NM_011873

Table 11

468	1450350_a_at	0.001469	1789.9	1711.67	MG1:1932093	NM_030887	NM_030887
469	1460580_at	0.001471	1574.6	1244.67	PCMX	BB772192	NM_018814
470	1455222_a_at	0.001472	1959.47	1267.9	Udp1	BB550053	NM_013699
471	1416271_at	0.001476	277.5	145.03	Perp	NM_022032	NM_022032
472	1434285_at	0.001476	1028.43	698.53	Ermd4a	BB701578	NM_172475
473	1421670_at	0.001481	7100.8	6343.73	Trim4	NM_020267	NM_020267
474	1423570_at	0.001481	1197.6	1075.57	Abcg1	AA413978	NM_009593
475	1441682_s_at	0.00149	1954.37	1657	Xpot	C79645	XM_125902
476	1421074_at	0.001493	877.03	566.47	Cyp7b1	NM_007825	NM_007825
477	1447320_x_at	0.001495	3644.1	2579.6	Rpo1-3	AU018636	NM_009087 /// NM_181730
478	1455503_at	0.0015	301.23	183	Zfp85-rs1	6820416H06Rik	AW107826 NM_001001130 /// NM_198322
479	1452106_at	0.001501	2217.23	1843.43	Npnt	AA223007	NM_001029836 /// NM_033525
480	1437503_a_at	0.001506	4553.53	3976.1	MG1:1915044	BB533076	NM_025858 /// NM_026381
481	1428651_at	0.001514	1352.63	1077.03	Klh124	AK004187	NM_029436
482	1435196_at	0.001519	2432.8	1814.33	Nrk2	BB795585	NM_001025074 /// NM_008745
483	1421594_a_at	0.001531	2412.43	1975.83	Syt12	NM_031394	NM_031394
484	1436920_at	0.001541	688.33	338.3	Pcdh17	BQ176938	NM_001013753
485	1452771_s_at	0.001541	3508.43	2873.13	Acs13	AK012088	NM_001033606 /// NM_028817
486	1455150_at	0.001541	665.47	429.9	---	BB038506	---
487	1437624_x_at	0.001544	2624.43	2228.7	Nudt1611	AV211435	NM_025839
488	1438652_x_at	0.001546	2443.3	2099.73	Pigq	BB546727	NM_011822
489	1416129_at	0.001553	1258.73	845.17	Erf11	NM_133753	NM_133753
490	1456310_a_at	0.001555	475.5	255.97	2610002J02Rik	AV218922	XM_131827
491	1438782_at	0.001566	332.2	240.97	Ctln4	AW553181	NM_173004
492	1449181_at	0.001568	1670.93	1286.5	Fech	NM_007998	NM_007998
493	1455534_s_at	0.001569	796.13	558	Osbpl11	BM220135	NM_176840
494	1428368_at	0.00157	2790.63	1711.87	Arhgap21	BM213829	XM_130033
495	1448584_at	0.001573	668.5	516.23	Rsrc1	NM_025822	NM_025822
496	1453849_s_at	0.001583	2647.1	2482.77	Hmrpb	AK013709	NM_010448
497	1429749_at	0.00159	923.8	712.5	9330180L21Rik	AK020390	NM_175254
498	1439189_at	0.001591	553.77	402.27	D630023B12Rik	BB498793	XM_355440
499	1417129_a_at	0.001592	1315.2	900.67	Mrg1	U68384	NM_010825
500	1447904_s_at	0.001594	3556.17	2720.43	Fnta	AV313761	NM_008033
501	1434582_at	0.001599	4411.07	3826.27	D14Ertcl171e	AV173869	NM_177814
502	1428453_at	0.001603	1217.77	925.53	4930487N19Rik	AK017805	XM_283206
503	1416244_a_at	0.001606	9198.5	7549.33	Cnbp1	NM_013493	NM_013493
504	1444256_at	0.001615	95.43	60.07	Rael	BB184435	NM_175112
505	1428380_at	0.001617	2264.07	1844.7	0610007C21Rik	AK002276	NM_027855 /// NM_212470
506	1437377_a_at	0.00162	810.37	582.67	Polmt	BB739221	NM_172551
507	1416181_at	0.001622	1962	1662.17	Mesdc2	NM_023403	NM_023403

Table 11

508	1448379_at	0.001631	432.67	324.97	Poc1	NM_133931	NM_133931	---
509	1434446_at	0.001637	527.23	317.23	D630014A15Rik	BM206023	---	
510	1449679_s_at	0.001643	1808.17	1415.47	Stx5a	AU014962	NM_019829	
511	1435424_x_at	0.001645	669.93	393.87	---	BB392681	---	
512	1453593_at	0.001646	194.57	56.97	1700110N18Rik	BG066866	NM_283372	
513	1424463_at	0.001649	3851.23	3232.53	2210010L05Rik	BF225441	NM_133829	/// NM_178081
514	1452996_a_at	0.001653	229.07	186.27	Aven	BG070815	NM_028844	
515	1449373_at	0.001658	192.1	107.27	Dnajc3	BE624323	NM_008929	
516	1451214_at	0.001672	2076.63	1825.5	Kbtbd2	BC022962	NM_145958	
517	1456036_x_at	0.001673	1077.8	605.77	Gstc1	AV003026	NM_010362	
518	1440273_at	0.001675	150.73	85.37	LOC545753	BB524346	NM_620195	
519	1449444_a_at	0.001676	1445.13	1091.93	Mfap1	BB436326	NM_026220	
520	1420427_a_at	0.00168	899.77	673.6	Dhx32	NM_133941	NM_133941	
521	1460345_at	0.00168	416.87	291.4	2610208M17Rik	BI104583	NM_145626	/// NM_181732
522	1417196_s_at	0.001683	545	317.33	D8Ert594e	NM_133791	NM_133791	
523	1455720_at	0.001684	331.27	169.63	Adams2	BB477652	NM_175643	
524	1434395_at	0.00169	3158.1	2372.9	Man1a2	AV325150	NM_010763	
525	1452740_at	0.001692	5551.3	4838.67	Myh10	BQ176159	NM_175260	
526	1419927_s_at	0.001695	1489.47	1230.23	Rab1f	AW549708	NM_145510	
527	1439024_at	0.001703	1574.77	1336.57	---	BB082119	---	
528	1435362_at	0.001704	3160.2	2554.9	Foxj3	BB026073	NM_172699	
529	1447720_x_at	0.001734	4458.77	3062.13	Prkaca	AV023830	NM_008854	
530	1459897_a_at	0.001736	880.43	535.57	MEF:2446326	AI507307	NM_172205	
531	1454617_at	0.001737	1004.63	540.7	Arrdc3	BG072824	NM_178917	
532	1456015_x_at	0.00174	5588.9	4825.43	Ndu4fv1	AW228218	NM_133666	
533	1439435_x_at	0.001747	2067.87	1367.2	Pgk1	BB411302	NM_008828	/// XM_355086 /// XM_484116 ///
XM_485239 /// XM_619563								
534	1435746_at	0.001749	1629.37	1275	SrpK2	BB127386	NM_009274	
535	1443847_x_at	0.001751	565.9	454.6	---	BB342212	---	
536	1437935_at	0.001752	40.47	18.97	4930486G11Rik	BB821151	NM_175213	
537	1428252_at	0.001755	1832.93	1364.27	Chmp2b	AA881383	NM_026879	
538	1452953_at	0.001755	1510.17	1083.57	1810036124Rik	AK017572	NM_026210	
539	1429251_at	0.001761	455.47	255.27	Ptdm2	BM226301	NM_204027	
540	1447693_s_at	0.001761	2306.7	1651.5	Neol	BB350308	NM_008684	
541	1455007_s_at	0.001768	653.73	471.53	Gpt2	BI648645	NM_173866	
542	1434996_at	0.001768	1192.1	823.67	Slc25a16	AV316233	NM_175194	
543	1438835_a_at	0.00177	3766.53	3023.6	Etfud2	BB315355	NM_011431	
544	1416814_at	0.001771	1527.47	1109.07	Tlal	BG518542	NM_011585	
545	1427882_at	0.001771	336.93	261.67	4930588M1Rik	AK016368	NM_153806	
546	1436357_at	0.001776	287.43	225.63	---	AI875680	---	

Table 11

547	1437009_a_at	0.001779	2773.33	2071.77	Zfp364	BB252481	NM_026406
548	1436004_at	0.001783	620.03	464.63	Usp27x	BB021271	NM_019461
549	1426712_at	0.001788	2428.83	1714.03	Slc6a15	BB129409	NM_175328
550	1438629_x_at	0.001794	1918.3	1381.43	Grrn	AV166504	NM_008175
551	1439527_at	0.001801	2025.77	1308.3	BB114106	BB149026	---
552	1426698_a_at	0.001803	1011.37	673.63	Hmfrpm	AK011521	NM_029804
553	1452981_at	0.001809	9126.37	7808.9	Cttnl1	AK004399	NM_007727
554	1421664_a_at	0.001814	609.17	462.43	Styx	NM_019637	NM_019637
555	1420711_a_at	0.001823	1062.87	760.63	Pxmp3	BC012404	NM_008994
556	1435260_at	0.001823	1985.2	1590.87	---	BG695418	---
557	1451077_at	0.001826	1599.4	950.33	Rpl5	BM114165	NM_016980 /// XM_619552 /// XM_619607 ///
XM_619831 /// XM_620340							
558	1415916_a_at	0.001827	927.57	603.03	Mefhd1	NM_138745	NM_138745
559	1452371_at	0.001842	3348.5	2793.27	Sfrs11	AW261583	NM_026989
560	1426930_at	0.001844	2980.2	2086.57	Bruno14	AV327653	NM_133195
561	1420477_at	0.001848	2898.67	2308.23	Nap111	BG064031	NM_015781
562	1423134_at	0.001852	1031.03	853.3	BC003324	BG076340	NM_030259
563	1454109_a_at	0.001864	359.1	307.07	Pcdsr	AK017622	NM_033398
564	1451566_at	0.001867	462.27	377.8	BC005471	NM_145612	---
565	1439906_at	0.001885	1649.9	914.73	---	BB184086	---
566	1443327_at	0.001886	1173.87	877.07	D130043K22Rik	BB456021	XM_111397
567	1417765_a_at	0.0019	402.43	226.97	Amy1	NM_007446	NM_007446
568	1423043_s_at	0.001903	8419.3	6670.87	Ddx3x	BF123067	NM_010028
569	1450344_a_at	0.001906	180	79.63	Pfger3	NM_011196	NM_011196
570	1451434_s_at	0.001906	778.47	586.77	5430405G24Rik	BC019948	XM_152907
571	1457260_at	0.001909	2232	1642.47	---	BI080487	---
572	1435705_at	0.001913	488.57	393.63	LOC332875	BB305660	XM_133185
573	1436301_at	0.001928	639.7	451.9	Ripk5	BB435342	NM_172516
574	1444956_at	0.001931	1235.27	1000.7	---	BB113018	---
575	1435174_at	0.001937	1038.07	686.23	Rsbpl1	AW546080	NM_172684
576	1453310_at	0.001938	194.67	135.03	Ppil6	AK013818	---
577	1437773_x_at	0.00194	7307.87	5698.13	Ddx17	BB476615	NM_152806 /// NM_199079 /// NM_199080
578	1437696_at	0.001945	297.1	204	BC049807	BG071037	NM_001002008
579	1455377_at	0.001945	4845.9	4257.23	4221517B04Rik	BB795572	XM_357332
580	1435350_at	0.00196	225.6	138.6	Ttraf6	AV377471	NM_009424
581	1420859_at	0.001962	3851.07	2459.8	Pkia	AK010212	NM_008862
582	1424393_s_at	0.001962	375.4	266.3	Adhfe1	BC026584	NM_175236
583	1436684_a_at	0.001962	263.57	217	R1ok2	AV066689	NM_025934
584	1422302_s_at	0.001965	4656.97	4016.57	Fcl11	Fcl12	NM_008049 /// NM_008049 /// NM_010240 /// XM_619122
/// XM_620101							

Table 11

585	1438728_at	0.001966	241.3	190.63	Nif311	AV032347	NM_022988	
586	1417647_at	0.001969	1322.53	783.73	Smx5	NM_024225	NM_024225	
587	1418357_at	0.001973	4344.4	3381.93	Foxg1	NM_008241	NM_008241	
588	1451783_a_at	0.001978	6982.4	5975.77	Kifap3	D50366	NM_010629	
589	1455014_at	0.001979	2884.83	2038.23	AV009015	BM213104	---	
590	1436034_at	0.001989	552.13	325.7	Rab1	AM550283	NM_008996	
591	1460430_at	0.001989	761.53	672.67	Rap2c	AK008416	NM_172413	
592	1419829_a_at	0.001991	645.23	412.93	---	AW049055	---	
593	1434736_at	0.001993	4542.73	2656.77	Hlf	BB744589	NM_172563	
594	1436948_a_at	0.002	372.7	188.27				
595	1432360_a_at	0.002005	285.23	212.23				
596	1434161_at	0.002012	809	589.3	5830457H20R1k	BQ173965	NM_173756	
597	1423216_a_at	0.002013	1902.03	1629.03	2510049I19R1k	AV109006	NM_026455	
598	1439971_at	0.002013	2533.33	1646.53	6330439K17R1k	AV328193	---	
599	1435748_at	0.002025	7480.63	6143.07	Gda	AW911807	NM_010266	
600	1455925_at	0.002025	1041.77	627.07	Prdm8	AV349236	NM_029947	
601	1427982_s_at	0.002032	263.63	201.33	Syne2	BF582734	XM_619002	
602	1438975_x_at	0.002033	805.27	558.83	Zdhc14	AV361868	NM_146073	
603	1453421_at	0.002048	2155.13	1715.1	Srr	AK002636	NM_013761	
604	1435430_at	0.002049	2312.73	1877.7	Tmem1	BM200437	XM_125775	/// XM_359259
605	1436951_x_at	0.002049	2272.43	1868.13	Txnrc9	BE623245	NM_172054	
606	1453070_at	0.002053	583.8	368.93	Pcdh17	BB305930	NM_001013	753
607	1417974_at	0.00207	1861.57	1212.63	Kpna4	BF018653	NM_008467	
608	1417919_at	0.002079	2196.93	1842.17	Pp1x7	NM_023200	NM_023200	
609	1432144_a_at	0.00208	1627.57	1271.37	Rchyl	AK015870	NM_026557	
610	1460555_at	0.002084	1793.63	1242.97	6330500D04R1k	BM242294	NM_178658	
611	1424532_at	0.002085	938.67	812.03	Ylpm1	AB033168	NM_178363	
612	1448743_at	0.002089	2350.03	1815.33	Ssx2ip	NM_138744	NM_138744	
613	1423902_s_at	0.002095	3107.2	2674.17	Arhgef12	AF467766	NM_027144	
614	1428138_s_at	0.002096	5500.87	4647.67	Arl10c	AV233429	NM_026011	
615	1455706_at	0.002098	309.43	102.5	Stxbp4	BB245414	NM_011505	
616	1433666_s_at	0.002104	3887.73	3263.47	Vps41	AW536822	NM_172120	
617	1450095_a_at	0.002108	980.13	690.1	Acyg1	NM_025421	NM_025421	
618	1434352_at	0.002135	1050.47	776.57	BB30005N14R1k	BB329261	NM_175312	
619	1435846_x_at	0.002137	411.17	248.63	---	BB448458	---	
620	1455184_at	0.002139	601.4	448.9	BB30364F10	BB071991	---	
621	1455695_at	0.002141	1291.03	724.2	St8sial	BT736113	NM_011374	
622	1423470_at	0.002142	3599.53	3034.4	Ptdp2	BB076855	NM_019550	
623	1428792_at	0.00215	4083.63	3163.53	Bcas1	AK008957	NM_029815	

Table 11

624	1423870_at	0.002166	1096.93	905.73	2610208M17Rik	BI104583	NM_145626	///	NM_181732
625	1433925_at	0.00217	3365.97	2482.57	Dnc11c2	BM212035	NM_001013380		
626	1436114_at	0.002178	777.07	609.07	G630064H08Rik	BB698467	NM_488860		
627	1433453_a_at	0.002183	423.33	205.3	Abtb2	BB621938	NM_178890		
628	1427256_at	0.002185	369.5	239.07	Cspg2	BM251152	NM_488510		
629	1420046_s_at	0.002189	2658.63	1970.87	Mafl	AV042856	NM_026859		
630	1449506_a_at	0.002199	1702.57	1368.77	Refld	NM_023240	NM_023240	///	NM_029663
631	1442180_at	0.002206	451.67	284.73	Dleu7	BB382040	NM_173419		
632	1450410_a_at	0.002229	476.6	358.53	4930570C03Rik	BC022913	NM_026353		
633	1435092_at	0.002235	950.07	645.33	Ar14	AV328143	NM_007487		
634	1437080_s_at	0.002251	6472.83	4995.5	Psmdd1t	AV296751	NM_178616		
635	1438931_s_at	0.002251	1779.13	803.53	Sesn1	AV016566	NM_001013370		
636	1426815_s_at	0.002253	1141.3	902.03	AV024582	BM248309	NM_153125		
637	1437351_at	0.002261	1125.83	838.6	Cxxc4	BM114956	NM_001004367		
638	1435801_at	0.002262	1223.73	1025.37	Pcmd	AV365405	NM_139309		
639	1433738_at	0.002265	1545.73	1254.27	5730445M16Rik	AV315131	NM_134422		
640	1441305_at	0.002268	1291.37	1012.47	Medd41	BB360028	NM_031881		
641	1433534_a_at	0.002269	2740.63	1623.57	Cct2	AV172084	NM_007636		
642	1436681_x_at	0.002276	1465.1	943.1	0610009D07Rik	BE199670	NM_025323		
643	1455600_at	0.002283	591.37	402.43	Rps3	BG069767	NM_012052		
644	1435170_at	0.002298	1735	1181.93	2310007F12Rik	BQ177187	NM_175146		
645	1448252_a_at	0.002302	6406.17	5404.57	Eef1b2	NM_018796	NM_018796		
646	1451587_a_at	0.002304	1484.83	1282.47	Tipl1	BC002098	NM_145513		
647	1428369_s_at	0.002307	3065.63	1850.77	Arhgap21	BM213829	NM_130033		
648	1423259_at	0.002311	2462.97	1660.63	Id4	BB121406	NM_031166		
649	1457587_at	0.002334	2097.63	1489.37	Kcnq5	BB196645	NM_023872		
650	1434245_a_at	0.002339	336.9	243.3	Cybas3	BB218627	NM_201351		
651	1451980_at	0.00234	3430.9	2682.1	MGI:2384865	BC018542	NM_145398		
652	1423215_at	0.002343	3471.07	2850.23	Spca2	BI078449	NM_025668		
653	1415788_at	0.002345	1736.27	1541.73	Ublcp1	BF158817	NM_024475		
654	1455496_at	0.002347	267.03	195.07	Pfas	AV306055	NM_111232		
655	1428854_at	0.002351	1728.13	1361.53	Tmed8	AK018286	NM_356596		
656	1418754_at	0.002363	843.5	702.67	Adcy8	NM_009623	NM_009623		
657	1455249_at	0.002364	1657.77	1277.9	Slc36a4	BQ175681	NM_172289		
658	1450053_at	0.002374	2798.07	2538.23	Klf2a	NM_008442	NM_008442		
659	1440849_at	0.002383	6449.17	5197.03	6330417G04Rik	AV327187	NM_029663		
660	1457423_at	0.002389	2675.8	1984.73	A930012M17	AI849508	NM_484423		
661	1434860_at	0.002397	666.03	499.9	Narg3	BQ176197	NM_027748		
662	1440187_at	0.002403	266.23	216.1	Taf3	AV316700	NM_027748		
663	1440759_at	0.002405	3175.7	2616.4	BB321369	NM_027748	NM_027748		

Table 11

664	1436426_at	0.002407	512.47	331.13	5730509K17Rik	BF464165	NM_172274
665	1434497_at	0.002422	1577.67	1107.33	---	BF544142	---
666	1435304_at	0.002424	495.33	343.37	Sod1	BM240246	NM_011434
667	1428793_at	0.002425	738.5	585.43	S1C36a1	AK017918	NM_153139
668	1417872_at	0.002429	2698.6	2013.27	Phl1	U41739	NM_010211
669	1449354_at	0.002429	3348.23	2473.5	U2af1-rs1	NM_011663	NM_011663
670	1418815_at	0.002442	4122.2	3337.2	Cdh2	BC022107	NM_007664
671	1454074_a_at	0.00245	2654.03	1992.43	150001Jf06Rik	AK005213	NM_001005523 /// NM_001005525 ///
NM_025438							
672	1451931_x_at	0.002452	796.67	738.53	H2-D1	M69068	NM_010380
673	1417051_at	0.002455	2945.2	1572.5	Pcdh8	NM_021543	NM_021543
674	1450072_at	0.002459	1521.03	1148.53	Ash11	BG694892	NM_138679
675	1434098_at	0.002468	263.5	160.43	G1ra2	BM899590	NM_183427
676	1423197_a_at	0.00247	559.93	381.7	AW011752	AV305633	NM_134034
677	1426248_at	0.002471	1676.53	1265.57	Stk24	BG60677	NM_145465
678	1438250_s_at	0.002488	3716.3	2594.57	Taf9	LOC545600	BM144971 NM_001015889 /// NM_027139 ///
NM_027592 /// XM_620010							
679	1442075_at	0.00251	512.9	336.07	AI314604	BE991175	---
680	1456833_at	0.002517	1301.63	775.13	Gpr17	BB353220	NM_001025381
681	1441945_s_at	0.00252	820.67	577.13	Abhd14a	AV009478	NM_145919
682	1428725_at	0.002532	1022.33	756.57	P1as2	AK018146	NM_008602
683	1433725_at	0.002538	5694.97	4414.3	Acvrlb	BQ043509	NM_007395
684	1452669_at	0.002546	2175.7	1741.7	2810012G03Rik	AK012724	NM_175104
685	1438628_x_at	0.00255	1240.33	594.93	Cttn3	BB559510	NM_008779
686	1448819_at	0.002553	986.93	783.1	E1f2s2	AA985754	NM_026030
687	1456381_x_at	0.002559	1242.8	808.03	Mc11	AV274748	NM_008562
688	1455446_x_at	0.002566	782.47	564.07	Acad5b	BF228057	NM_025826
689	1416165_at	0.002567	2102.5	1800.73	Rab31	NM_133685	NM_133685
690	1439732_at	0.002571	813.6	579.8	---	BB129764	---
691	1416111_at	0.002573	396.53	276.8	Cd83	NM_009856	NM_009856
692	1455362_at	0.002577	330.63	248.97	Angel2	AV275390	NM_021421
693	1417941_at	0.002583	1874.87	1579.87	Hdh4	NM_026086	NM_026086
694	1425287_at	0.002588	234.1	71.4	Zfp189	BC021326	NM_145547
695	1419111_at	0.002592	1347.13	1162.7	Ing11	NM_023503	NM_023503
696	1443849_x_at	0.002596	1988.7	1497.07	Urod	AV292769	NM_009478
697	1453731_a_at	0.002599	932.57	769.23	Tmem77	AK015888	NM_001025582 /// NM_026013
698	1453782_at	0.002601	1165.33	753.43	3021401C12Rik	BI737125	---
699	1435554_at	0.002603	1082.2	706.7	Tmc3	BB771888	NM_172051
700	1419375_at	0.002614	1991.33	1679.8	Wbp4	BI453048	NM_018765
701	1442371_at	0.002623	572	404.83	1110048D14Rik	BM898643	NM_183120

Table 11

702	1426675_at	0.002627	5786.23	4537.17	Tom7a	BB25670	NM_138599	
703	1451542_at	0.002629	2398.5	1583.33	Ssbp2	AY037837	NM_024186	/// NM_024272
704	1424680_at	0.002632	181.03	105.6	BB146404	BC025893	NM_178908	
705	1436844_at	0.002632	3206.03	2289.37	---	AV257745	---	
706	1424015_at	0.002633	9539.37	8364.27	Rab6ip1	BC022119	NM_021494	
707	1417253_at	0.002634	1092.73	886.43	Frg1	NM_013522	NM_013522	
708	1447223_at	0.002636	492.87	282.6	---	AW120584	---	
709	1434397_at	0.00264	2965.97	2713.4	Zdhc17	BM248633	NM_172554	
710	1450431_a_at	0.002641	5934.03	5069.93	Nedd4	NM_010890	NM_010890	
711	1426976_at	0.002647	2342.4	2002.7	Usp47	BG069271	NM_133758	
712	1433724_at	0.002649	1073.3	832.53	D15Ert621e	BM235412	NM_145959	
713	1437511_x_at	0.002654	497.33	346.93	C1cc1	BB100861	NM_145543	
714	1460595_at	0.002658	551.23	380.33	---	BB364454	---	
715	1423171_at	0.002661	614.53	327.27	Gpr88	BE947345	NM_022427	
716	1425458_a_at	0.002668	980.73	803.23	Grb10	AF022072	NM_010345	
717	1448104_at	0.002684	1767.43	922.03	Aldh6a1	-	NM_134042	
718	1434187_at	0.002685	1049.6	755.73	Al849156	AW121238	NM_183142	
719	1460168_at	0.002695	1406.6	988.9	Slbp	NM_009193	NM_009193	
720	1429938_at	0.002696	2632.27	1968.37	A93009E05Rik	BB125806	---	
721	1435880_at	0.002701	1689.27	1535.57	E430012K20Rik	BM119343	NM_130845	
722	1434598_at	0.00271	3125.7	2540.53	Larp5	BM200204	NM_172585	
723	1423310_at	0.002721	411	284.9	Tpbg	BQ177165	NM_011627	
724	1424324_at	0.002727	411.03	263.47	Esccl	BB308198	NM_484702	
725	1434474_at	0.002729	1523.23	1319.27	Abca5	BM937648	NM_147219	
726	1452984_at	0.002739	1329.13	1070.13	5730405109Rik	AK014507	NM_026484	
727	1448269_a_at	0.002751	775.93	452.33	Klhl13	NM_026167	NM_026167	
728	1460324_at	0.002759	1220.23	1002.13	Dnmt3a	BB795491	NM_007872	/// NM_153743
729	1424707_at	0.002768	3870.13	3240.63	Tmed10	BI409239	NM_026775	
730	1437027_x_at	0.002768	5502.33	4753	Rnps1	AV307521	NM_009070	
731	1434111_at	0.002778	1382.43	1086.63	Lphn2	BG966339	NM_131258	
732	1420095_s_at	0.002789	527.07	359.47	Zfp101	---	NM_011757	
733	1443856_at	0.002789	1175	995.17	Rabep1	BE951220	NM_019400	
734	1416221_at	0.002793	982.3	575.8	Fstl1	BI452727	NM_008047	
735	1436909_at	0.002812	2078.9	1613.17	B430110G05Rik	AW542746	NM_178696	
736	1425678_a_at	0.002829	1007.33	751.83	Snrk	BC020189	NM_133741	
737	1443986_at	0.002829	269.87	197.5	Cdc73	BB211070	NM_145991	
738	1422685_at	0.002831	924.93	736.93	Sec811	NM_009148	NM_009148	
739	1455696_a_at	0.002839	875.13	609	Ptprf4b	BB344827	NM_013830	
740	1434931_at	0.002842	1498.4	1269.63	Neol	BB667778	NM_008684	
741	1437480_at	0.002848	344.43	205.57	1110001A07Rik	BE071833	NM_025377	



Table 11

742	1435308_at	0.002852	5258.73	3203.83	Fut9	AU067636	NM_010243
743	1429642_at	0.002853	223.5	130.3	Amub11	AK012639	NM_132758
744	1455928_x_at	0.002865	2833	2354.1	Lztr1	BB144402	NM_025808
745	1441165_s_at	0.002865	4045.8	3381.37	C1stn2	AI448973	NM_022319
746	1452763_at	0.002868	2361.43	1846.13	Nipal	BB770774	NM_153578
747	1457246_at	0.002868	1110.13	669.87	Rail6	AU040322	NM_139129
748	1428210_s_at	0.002872	428.9	306.5	Chuk	AU045682	NM_007700
749	1456610_at	0.002877	462.97	226.4	Umd3	AW763746	NM_001017426
750	1435277_x_at	0.002879	8593.1	4651.63	Nmel	AV156640	NM_008704
751	1416344_at	0.00288	748.4	586.67	Lamp2	NM_010685	NM_001017959
752	1436479_a_at	0.002883	592.23	398.5	Dpp7	BB746075	NM_031843
753	1415794_a_at	0.002884	4987.83	4100.1	Spin	BM228780	NM_011462
754	1435176_a_at	0.002889	5730.07	4104.03	Id2	BF019883	NM_010496
755	1416555_at	0.002897	4161.17	3533.63	Bi24	NM_007915	NM_007915
756	1449668_s_at	0.002898	1625.9	1248.1	A730024A03Rik	AM557298	NM_173753
757	1422855_at	0.002902	918.77	728.97	Cpsf3	NM_018813	NM_018813
758	1419462_s_at	0.002907	1593.33	1375.43	Gr13	NM_008187	NM_008187
759	1445703_at	0.002907	342.8	172.5	Al848149	BB283102	---
760	1438415_s_at	0.002908	429.27	326.23	Yipf2	AV166218	NM_138303
761	1426260_a_at	0.002909	256.67	91.4	Ugt1a2	Ugt1a6a	D87867
762	1456681_at	0.002911	340.17	239.5	---	BB048525	---
763	1456748_a_at	0.002914	1332.23	936.9	Nipsnap1	AV306253	NM_008698
764	1447623_s_at	0.00292	350.2	231.53	---	AV297026	---
765	1424784_at	0.002924	72.87	32.77	170002910Rik	AY047635	NM_027285
766	1450386_at	0.002926	2521.9	2314.83	Kpna3	BM213828	NM_008466
767	1425682_a_at	0.002927	1441.23	1007.03	1810034M08Rik	BC027162	NM_176842
768	1454643_at	0.002937	672	552.37	Udap21	BI408204	NM_028475
769	1434354_at	0.002937	602.63	449.23	Maob	BB549292	NM_172778
770	1416812_at	0.002943	1931.6	1438.47	Tlal	BS185442	NM_011585
771	1420486_at	0.002944	1818.47	1532.07	Nol1	AW060738	NM_023554
772	1422787_at	0.002944	221.53	158.37	Fkbp1	NM_019873	NM_019873
773	1460716_a_at	0.002953	1674.27	1201.23	Cbfb	NM_022309	NM_022309
774	1437194_x_at	0.002963	505.27	336.57	---	120001102Rik	BB252479
775	1434378_a_at	0.002969	947.53	737.8	Mxd4	BS688949	NM_010753
776	1460631_at	0.00297	4996.63	3638.53	Ogt	BF681886	NM_139144
777	1444611_at	0.00297	199.93	130.1	---	BE630073	---
778	1438688_at	0.002973	4605.63	3227.53	Strym2	BG915272	NM_175229
779	1436645_a_at	0.002975	671.23	539.03	Cnot4	BB066603	NM_016877
780	1424723_s_at	0.002978	1082.87	608.83	Cstf3	BC003241	NM_145529

Table 11

781	1452833_at	0.00298	7336.93	5648.6	Raggef2	AK018008	XM_203999
782	1456038_at	0.002981	798.13	598.73	Fbx14	BB003709	NM_172988
783	1456567_x_at	0.002985	1360.8	993.3	Gln	BB000455	NM_008175
784	1452114_s_at	0.002987	2602.07	2097.53	Igfbp5	BF225802	NM_010518
785	1451974_at	0.002993	2033.4	1787.5	Osbp12	BC026804	NM_144500
786	1434184_s_at	0.003007	1275.93	966.73	9430080K19Rik	BQ175905	---
787	1438619_x_at	0.003008	2508.17	1756.33	Zdhhc14	BB318221	NM_146073
788	1429159_at	0.003009	995.23	688	4631408011Rik	AK018605	---
789	1443119_at	0.003009	2700.3	1992.73	Gtm7	AV335221	NM_177328
790	1448248_at	0.003025	4724	3884.3	Crk	BF020879	NM_133656
791	1428963_at	0.003027	1363.13	1048.23	Rwdd2	AK006533	NM_027100
792	1434717_at	0.003032	1549.13	1317.5	Cul3	BM198837	NM_016716
793	1434773_a_at	0.003034	2459.47	1976.7	Slc2a1	BM207588	NM_011400
794	1428471_at	0.003038	2947.47	2034.37	Scrbp1	BQ176684	NM_001034962
NM_009166 /// NM_178362							
795	1434864_at	0.003038	1724.43	1287.1	Nipal	BB326329	NM_153578
796	1452713_a_at	0.00304	873	444.7	Wdr57	AK002371	NM_025645
797	1445897_s_at	0.00304	142.43	88.6	Ifi35	AW986054	NM_027320
798	1426949_s_at	0.003041	1698.53	1457.33	Tpr	BM214109	NM_133780
799	1436363_a_at	0.003042	7905.33	6269.23	Nfix	AM049660	NM_010906
800	1454879_s_at	0.003043	564.83	423.47	1700052N19Rik	BM235411	NM_024261
801	1426979_at	0.003058	467.4	337.7	AF265663	NM_177582	
802	1417783_at	0.003066	837.03	652.3	Als2	AB053307	NM_028717
803	1447825_x_at	0.003069	4847.93	2283.03	Pcdh8	BB076893	NM_021543
804	1420609_at	0.003073	3646.23	2880.97	7-Mar	NM_020575	NM_021393
805	1421292_a_at	0.003081	1263.8	1112.97	AV300081C3Rik	NM_021393	NM_021393
806	1418656_at	0.003092	786.63	548.7	Lsm5	NM_025520	NM_025520
807	1419636_at	0.003103	197.3	122.63	4833420G17Rik	BG067119	NM_026127
808	1452268_at	0.003104	941.87	739.57	2810485I05Rik	AV337692	NM_176836
809	1421019_at	0.003105	1634.07	1219.5	1700021F05Rik	BC013506	NM_026411
810	1436213_a_at	0.003106	70.6	31.2	C430010P07Rik	AV023018	XM_622107
811	1448468_a_at	0.003114	1811.8	1463.47	Kcnab1	AF033003	NM_010597
812	1436853_a_at	0.003116	10347.23	7289.8	Snca	AI324124	NM_009221
813	1416731_at	0.003124	2417.03	1536.17	Top2b	BB166592	NM_009409
814	1447669_s_at	0.003124	643.83	498.97	Gng4	AV347903	NM_010317
815	1456516_x_at	0.003136	857.87	565.87	Uap1	BB113567	NM_133806
816	1428731_at	0.003144	919.13	663.63	Usp54	AK019588	NM_030180
817	1433910_at	0.003145	1564.37	1291.07	Zcchc6	BM208041	NM_153538
818	1449702_at	0.003159	1104	711.97	Zfand2a	AU016206	NM_133349
819	1435542_s_at	0.003162	1000.73	767.63	Cttnbp2n1	BB231897	NM_030249

Table 11

820	1455554_at	0.003162	4920.3	4080.47	A830039N20Rik	BB269387	NM_175545
821	1416260_a_at	0.003167	1049.67	864.83	Snx1	NM_019727	NM_019727
822	1450063_at	0.003175	1634.9	1379.83	Fmn2	BM228488	NM_019445
823	1435209_at	0.00318	519.97	458.67	BC057079	AV270935	NM_283973
824	1415806_at	0.003184	1106.07	841.07	Plat	NM_008872	NM_008872
825	1454973_at	0.003185	1165.77	817.9	Atf7ip	BF456242	NM_019426
826	1457272_at	0.003193	774.9	602	---	BB284000	---
827	1416185_a_at	0.003205	2498.17	1974.27	Adh5	NM_007410	NM_007410
828	1415673_at	0.003206	973.37	767.83	Psph	NM_133900	NM_133900
829	1460315_s_at	0.003207	2136.83	1582.97	Tbkl	NM_019786	NM_019786
830	1460736_at	0.003207	674.83	457.03	AF013969	BM247617	NM_287445
831	1454846_at	0.003235	606.4	471.63	Upd15	AV227804	NM_178918
832	1423105_a_at	0.003239	1511.77	1427.13	Yeats4	AK010522	NM_026570
833	1426722_at	0.00325	3597.07	2450.9	Slc38a2	BM248527	NM_175121
834	1415947_at	0.003251	947.4	811.03	Creg1	BC027426	NM_011804
835	1454136_a_at	0.003252	1022.3	611.47	4921524J17Rik	AK013123	NM_025722
836	1435662_at	0.003253	513.03	331.13	2610020008Rik	BB168118	NM_025937
837	1440691_at	0.003262	317.07	216.77	Cyp2j6	AV373767	NM_010008
838	1456423_at	0.003276	1085.9	798.63	Mbd5	AV298746	NM_283719
839	1416146_at	0.003281	1481.73	1184.03	Hspa4	BB912771	NM_008300
840	1450950_at	0.003284	1002	679.73	Cspg6	AK005647	NM_007790
841	1428772_at	0.003285	2298.9	1747.87	Xpot	AK003432	NM_125902
842	1435576_at	0.003285	613.2	478.9	AM413774	BQ176195	---
843	1437364_at	0.003287	272.5	221.57	Cog3	BB108855	NM_172687
844	1452249_at	0.003296	3413.87	2754.77	Prickle1	BC022643	NM_128308
845	1451342_at	0.003299	726.7	532	Spom1	BC020531	NM_145584
846	1440325_at	0.003305	630.93	483.37	---	AV332226	---
847	1447993_a_at	0.003309	582.67	397.8	1700026B20Rik	LOC546548	AV043099
848	1444071_at	0.003317	166.77	122.6	9630013A20Rik	BB247407	---
849	1438982_s_at	0.003319	549.27	400.43	2810417U12Rik	BB251185	NM_029798
850	1451519_at	0.003324	1525.53	1126.57	Rnf2	BC020122	NM_011277
851	1459874_s_at	0.00333	1723.03	1399.7	Mtmr4	AV271428	NM_133215
852	1452918_at	0.003332	1557.93	1201.97	D19Ettc737e	AK011404	NM_029648
853	1452731_x_at	0.003334	3428.63	2331.53	LOC544986	BM195235	NM_001024713
NM_025940	/// XM_619175	/// XM_619180	/// XM_619188	/// XM_619189	/// XM_619191	/// XM_619194	/// XM_619197
854	1428416_at	0.003336	3179.53	2277.8	3110050N22Rik	BE198251	NM_173181
855	1439010_at	0.003338	971.17	791.37	D330037H05Rik	BB284338	NM_128090
856	1454802_x_at	0.003339	2079.73	1424	Arh2	BB140664	NM_011790
857	1429504_at	0.00334	526.77	261.53	Rnpc3	BE134108	NM_026043
858	1433561_at	0.003344	2482.07	1670.83	Centb2	BB109647	NM_030138

Table 11

859	1423241_a_at	0.00347	1287.4	1028.27	Tfdp1	BG075396	NM_009361	
860	1434422_at	0.00353	1257.37	926.97	At428479	AV027153	---	
861	1415700_a_at	0.00362	3856.63	3408.4	Ssr3	BC011111	NM_026155	
862	1425194_a_at	0.00367	2405.67	1912.6	6330577E15R1k	BC024403	NM_026377	
863	1416156_at	0.00379	1135.87	890.9	Vc1	NM_009502	NM_009502	
864	1455323_at	0.00338	552	421.93	MGI:1927369	BB446066	NM_021326	
865	1456026_at	0.00339	229.5	181.77	8030451K01R1k	AV303159	NM_172501	
866	1428845_at	0.003397	2867.47	2337.6	Bc1afl	BI565039	NM_001025392	/// NM_001025393
NM_153787								
867	1429004_at	0.003406	1543.2	1098.2	Phip	AK012667	NM_358384	
868	1428351_at	0.003408	428.47	202.7	Ppmlm	AK013149	NM_026447	/// NM_198931
869	1430515_s_at	0.00341	757.13	579.7	Aasdhpt	AK008554	NM_026276	
870	1450066_at	0.003418	1208.1	1072.23	Ubr1	BQ173927	NM_009461	
871	1422669_at	0.003421	1202.4	961.53	EBag9	AY009091	NM_019480	
872	1434404_at	0.003441	2042.53	1525.63	C030011014R1k	BB375245	NM_174868	
873	1436775_a_at	0.00345	2017.07	1733.03	Ankrd17	AW557826	NM_030886	/// NM_198010
874	1441879_x_at	0.003454	210.6	141.83	Mkrnl	AV218897	NM_018810	
875	1434314_s_at	0.003458	2357.4	1614.9	Rab11fip5	BQ177085	NM_172765	
876	1427271_at	0.00346	209.97	163.4	Btdb15	BC027138	NM_172765	
877	1452952_at	0.00346	4048.93	2927.6	9030418K01R1k	AK018518	---	
878	1454876_at	0.003468	546.13	385.57	Rab23	BB771587	NM_008999	
879	1419176_at	0.003476	550.83	417.2	Vps37a	AK008752	NM_033560	
880	1434493_at	0.003481	413.97	268.67	1810022K09R1k	BG092222	---	
881	1419420_at	0.003485	1403	1192.93	St6galnac5	NM_012028	NM_012028	
882	1441876_x_at	0.003491	136.87	90	Zfp93	BB245574	NM_009567	
883	1455627_at	0.003492	240.27	117.73	Col8a1	AV292255	NM_007739	
884	1419645_at	0.003494	2676.23	2053.9	Cstf2	BM120662	NM_133196	
885	1451177_at	0.003499	3414.7	2499.63	Dnajb4	BC017161	NM_025926	/// NM_027287
886	1456739_x_at	0.003502	5254.1	3516.9	Armcx2	BB392869	NM_026139	
887	1435207_at	0.003506	2126.2	1403.67	Dixdcl	BB758432	NM_178118	
888	1460737_at	0.003508	540.6	466	Igfbp1	AA960310	NM_008784	
889	1435545_at	0.003517	473.9	291.5	BC032203	BB242234	NM_140041	
890	1427382_a_at	0.003524	650	486.87	Suv39h1	AF193862	NM_011514	
891	1459840_s_at	0.003531	864	641.8	Ccdc28b	AV365721	NM_025455	
892	1444228_s_at	0.003537	162.2	134.63	Herc2	BB333568	NM_010418	
893	1434036_at	0.003546	1081.87	862	Mtss1	AV024771	NM_144800	
894	1440253_at	0.003558	2522.87	1787.9	---	AV136581	---	
895	1428779_at	0.003562	1058.17	739.13	Zbtb41	BB526541	NM_172643	
896	1421014_a_at	0.003564	460.83	326.9	Clyb1	BC023398	NM_029556	
897	1426030_a_at	0.003567	650.43	469.03	Apeh	BC025494	NM_146226	

Table 11

898	1436997_x_at	0.00357	3569.03	2294.47	Sh3bgr1	BB248904	NM_019989
899	1415749_a_at	0.003572	2653.33	2269.87	Rragc	NM_017475	NM_017475
900	1456728_x_at	0.003572	1268.67	647.83	Accl	BB504570	NM_007386
901	1417737_at	0.003574	751.7	627.43	Mips31	NM_020560	NM_020560
902	1434729_at	0.003583	1480.4	1158.67	AK129302	BM120178	NM_001003916
903	1458163_at	0.003592	551.1	462.67	BC066028	AV328953	NM_001001180
904	1427150_at	0.003593	585.47	454.67	ML13	BC022622	NM_355579
905	1419123_a_at	0.003597	332.87	188.23	Pdgc	NM_019971	NM_019971
906	1434450_s_at	0.003597	2684.2	2064.27	---	BG073639	---
907	1438636_s_at	0.003623	319.47	87.9	---	BB213765	---
908	1416755_at	0.003627	2474.83	1800.27	Dnajb1	AK002290	NM_018808
909	1434112_at	0.003652	1141	985.17	Iphn2	BG966339	NM_131258
910	1437308_s_at	0.003656	515.33	279.77	F2r	AV024285	NM_010169
911	1448299_at	0.003658	2765.77	2340.77	S1clal	NM_009199	NM_009199
912	1440934_at	0.003661	1450.8	1032.3	6230409E13Rik	BQ178166	NM_175234
913	1433544_at	0.003662	1753.53	1404.33	Als2cr2	BB277912	NM_172656
914	1452197_at	0.003668	316.27	225.73	Smc411	AV172948	NM_133786
915	1417062_at	0.003669	462.53	376.93	2810037C14Rik	NM_026034	NM_026034
916	1416101_a_at	0.003676	2289.6	1470.57	Hist1h1c	NM_015786	NM_015786
917	1433679_at	0.003676	544.47	235.93	Fubp3	BB399719	NM_130112
918	1438385_s_at	0.003679	970.8	566.77	Gpct2	BB068040	NM_173866
919	1424198_at	0.003687	475.63	409	D1g5	BC021314	NM_127605
920	1455643_s_at	0.003688	910	734.73	AM550801	BF228294	NM_177325
921	1421772_a_at	0.0037	3581.1	3042	Cox7a21	NM_009187	NM_009187
922	1436019_a_at	0.003701	1747.97	1505.2	Trapcl	BB28649	NM_001024206
923	1457218_at	0.003702	2865.87	2377.6	6430510M02Rik	BB296225	NM_176932
924	1415675_at	0.003705	1201	1062.17	Dpm2	BC008256	NM_010073
925	1421175_at	0.003705	4782.9	3615.9	Myt11	NM_008666	NM_008666
926	1421172_at	0.003707	156.9	120.5	Adam12	NM_007400	NM_007400
927	1436552_at	0.003708	997.17	739.23	6430702L21Rik	AI850334	NM_129010
928	1449839_at	0.003711	855.6	659	Casp3	BG070529	NM_009810
929	1449410_a_at	0.003727	3956.13	3058.1	Gass5	NM_013525	---
930	1428116_a_at	0.003754	4653.1	3663.9	Tctex1	BG093881	NM_009342
931	1416005_at	0.003755	3365.03	2673.03	Psmc1	NM_008947	NM_008947
932	1454704_at	0.003755	5962.83	4909.63	Scarb2	BI106458	NM_007644
933	1443836_x_at	0.003759	1318	695.3	Wdr48	BB064885	NM_026236
934	1442994_at	0.00377	435.3	260.27	---	BQ177195	---
935	1424206_at	0.003771	1425.87	1265.67	Smarcas	BI661719	NM_053124
936	1456226_x_at	0.003773	2770.8	1562.57	Ddrl	BB234940	NM_007584
937	1456699_s_at	0.003784	2481.37	1834.03	A730098D12Rik	AA561825	---

Table 11

938	1454722_at	0.003787	7273.8	6307.67	Herc1	BG792618	XM_620756		
939	1423103_at	0.003788	468.03	309.07	Rfx5	BB392192	NM_001025601	///	NM_017395
940	1425241_a_at	0.003797	1109.47	768.37	Wsb1	BC019601	NM_019653		
941	1423083_at	0.003819	1290.03	927.17	Rab33b	AK004974	NM_016858		
942	1455387_at	0.003827	885.13	565.73	1110001M19Rik	AV112972	NM_001024205		
943	1457440_at	0.003841	1371.57	1098.83	Sstt4	BB451927	NM_009219		
944	1429918_at	0.003843	1487.03	1243.57	Arhgap20	AK018317	NM_175535		
945	1454917_at	0.003844	790.47	635.83	A0045404	BB795206	XM_354869		
946	1458351_s_at	0.003844	1337.33	1164.87	K1h12	BB428573	NM_178633		
947	1420932_at	0.003848	2641.37	2274.93	Mapk8	BM940281	NM_016700		
948	1435964_a_at	0.003848	1481.1	992.4	---	BB194075	---		
949	1429335_at	0.00386	747.37	554.13	Snapc1	AK012317	NM_178392		
950	1438029_at	0.003864	590.13	496.97	4930535B03Rik	BB617800	XM_485279		
951	1428267_at	0.003866	547.87	458.17	Dhx40	AK010512	NM_026191		
952	1432164_a_at	0.003871	2282.4	1750.57	Gcsh	AK003189	NM_026572		
953	1433901_at	0.003872	2689.3	1912.17	Gpiap1	AV301998	NM_016739		
954	1433906_at	0.003872	1802.03	1130.63	4933402J24Rik	BE956483	NM_028940		
955	1419164_at	0.003873	1480.8	1128	Zfp260	D45210	NM_011981		
956	1427269_at	0.003874	805.77	676.9	Sfrs11	AW261583	NM_026989		
957	1429441_at	0.003881	160.2	121.07	Pdxo30	AK006369	NM_027968		
958	1437585_x_at	0.00389	537.97	306.93	Zfp161	BB329659	NM_009547		
959	1425864_a_at	0.003892	337.93	250.8	Sorcs1	AF284755	NM_021377		
960	1425030_at	0.003893	629.47	445.1	Zfp622	BC006964	NM_144523		
961	1436771_x_at	0.003902	904.03	661.13	Pgd	BB314208	XM_622094		
962	1455272_at	0.003906	3727.07	2671.3	Gm5	BB429139	XM_149971		
963	1447655_x_at	0.003913	532.13	368.9	Sox6	BB257593	NM_001025559	///	NM_001025560
964	1439571_at	0.003915	780.57	504.03	E230008J23Rik	BB820889	---		
965	1450964_a_at	0.00392	1129.83	782.5	Gsbp19	BB826372	NM_133885	///	NM_173350
966	1455113_at	0.00393	833.13	675.2	Armc8	BM232782	NM_028768		
967	1436752_at	0.003935	256.1	207.03	573047BM09Rik	BM229530	XM_148441	///	XM_358792
968	1456512_at	0.003935	185.17	90.8	Pdzr4	AV174487	XM_139540		
969	1439272_at	0.003936	667.1	451.97	AB30039H10Rik	BB183240	NM_172153	///	NM_178142
970	1425487_at	0.003941	319.43	252.07	D11Etd730e	BC025870	NM_148673	///	NM_198936
971	1454625_at	0.003946	300.17	205.9	Phf6	BB073473	NM_027642		
972	1455189_at	0.003964	1242.77	1002.2	8030451N04Rik	BB400432	---		
973	1425344_at	0.003976	664.23	515.33	4430402011Rik	BI452475	NM_026272		
974	1441880_x_at	0.003991	126.77	89.47	MGC30332	BB009770	NM_145580		
975	1437250_at	0.004006	316.1	185	MGI:2151839	AY298358	NM_001005423		
976	1419081_at	0.004016	381	257.07	Atg10	NM_025770	NM_025770		
977	1459861_s_at	0.004021	896.17	447.97	Fpx110	AV221085	NM_001003953	///	NM_001005866
							NM_013910	///	

Table 11

978	1416186_at	0.004025	1088.23	632.77	Pnrc2	NM_026383	NM_026383	
979	1435988_x_at	0.004032	3347.63	2070.7	Ik	BF458932	NM_011879	
980	1419171_at	0.004033	308.4	182.13		BB667295	NM_026321	
981	1452262_at	0.004035	663.3	527.63	Gppl2	AK003011	NM_021296	
982	1448515_at	0.004039	1301.93	965.33	Tsn	BB18311	NM_011650	
983	1434513_at	0.004041	819	667.17	Atpl3a3	BQ030867	NM_148700	/// XM_622655
984	1448403_at	0.004041	1625.03	1135.97	Iars	NM_134137	NM_619533	
985	1418988_at	0.004042	1287.37	1043.07	Pex7	NM_008822	NM_008822	
986	1420871_at	0.00405	6619.23	5737.07	Gucylb3	BF472806	NM_017469	
987	1456557_at	0.00405	208.4	165.33		BB256666	NM_131596	
988	1456700_x_at	0.004057	5727.7	4132.47	Marcks	BB100920	NM_008538	
989	1415920_at	0.004067	5041.73	3898.27	Cstf2c	NM_031249	NM_031249	
990	1425498_at	0.004082	1044.77	860.73	Prpf4b	U48737	NM_013830	
991	1454060_a_at	0.004083	1015.07	791.23	Nras	AK010412	NM_010937	
992	1436269_s_at	0.004092	443.4	307.8	Htra2	AW323050	NM_019752	
993	1436908_at	0.004092	1216.47	848.73	Pcm1	BG076129	NM_023662	
994	1417352_at	0.004096	705.8	552.4	Nf5c	NM_015807		
995	1435048_at	0.004098	498	343.43	At854703	BB179352	NM_177737	
996	1448192_s_at	0.0041	1903.2	1781.93	Pppl1	AK011304	NM_021463	
997	1417191_at	0.004104	4321.47	3363.6	Dnajb9	NM_013760	NM_013760	
998	1448678_at	0.004111	835.53	575.97		3110048E14Rik	NM_133750	NM_133750
999	1449322_at	0.004124	3288.2	2565.4	Pcp4a1	BC003761	NM_011200	/// XM_484973
XM_621093 /// XM_622878								
1000	1428126_a_at	0.004129	1343.3	998.2	492150GJ03Rik	BG975608	NM_356498	
1001	1435774_at	0.004132	867	673.43	AV024533	AV024517	---	
1002	1435337_at	0.004136	1579.57	1224.87	Zfp537	BB150458	NM_172298	
1003	1448493_at	0.004137	4030.17	3161.47	Paip2	NM_026420	NM_026420	
1004	1433490_s_at	0.00414	1928.63	1496.8	Epb4.112	BE951907	NM_013511	
1005	1426187_a_at	0.004142	2162.3	1812.83	Hax1	AF465243	NM_011826	
1006	1434447_at	0.004156	485.07	245.6	At838057	BG060788	---	
1007	1438794_x_at	0.004159	5102.47	3815.57	Rps13	At642440	NM_026533	
1008	1436495_s_at	0.004169	1635.87	1034.17	Zfp260	AV171447	NM_011981	
1009	1460449_at	0.004175	3077.47	1941.23	C030032C09Rik	BQ174247	NM_618798	
1010	1441101_at	0.004183	971.33	783.9	Hecw1	BB076023	NM_484217	
1011	1440816_x_at	0.004187	2556.3	1905	Ddx1	AV089443	NM_134040	
1012	1434277_a_at	0.004193	3006.57	1711.47		6430570G24	BG069663	---
1013	1418034_at	0.004196	406.13	291.5	Mtsp9	BC022587	NM_023514	
1014	1416448_at	0.004202	1165.3	895.07	Itpa	NM_025922	NM_025922	
1015	1416788_a_at	0.004204	4193.73	3733.87	Idh3g	NM_008323	NM_008323	
1016	1449749_s_at	0.004205	238.27	159.3	Tfblm	At429207	NM_146074	

Table 11

1017	1418048_at	0.004208	1819.77	1387.17	1110059G10R1k	NM_025419	NM_025419
1018	1416429_a_at	0.004212	912.73	615.73	Cat	NM_009804	NM_009804
1019	1419012_at	0.004224	284.43	173.5	Zfpm2	NM_011766	NM_011766
1020	1423205_at	0.004224	1225.3	1138.83	Tm9sf4	BB367487	NM_133847
1021	1449083_at	0.004229	530.3	449.5	1810060J02R1k	AA067702	NM_025911
1022	1436405_at	0.00423	2138.5	1275.73	Dock4	BG068753	NM_172803
1023	1439153_at	0.004236	1357.3	1076.73	Ibrdc2	AV274826	NM_146042
1024	1453212_at	0.004237	504.9	342.3	Zfp383	BB705379	NM_145500
1025	1434691_at	0.004239	628.8	410.73	Sfrs2ip	BB154529	NM_028148
1026	1428333_at	0.004244	2763.13	2315.47	6530401D17R1k	AK013740	NM_029541
1027	1426457_at	0.004248	3422.7	2714.73	Slmap	BB473571	NM_032008
1028	1457649_x_at	0.004248	729.23	405.13	---	BB271066	---
1029	1439263_at	0.004251	219.77	104.4	Fin15	BB388301	NM_008016
1030	1423649_at	0.004252	1361.13	1213.93	Tmem68	BC016240	NM_028097
1031	1433658_x_at	0.004263	4149.43	3291.17	Pcbp4	AV300794	NM_021567
1032	1424072_at	0.004265	1694.83	1529.5	2010107G23R1k	BC024943	NM_027251
1033	1441780_at	0.004268	385.2	262.23	---	AW493922	---
1034	1429351_at	0.004275	964.37	815.63	Klh124	AK018314	NM_029436
1035	1451217_a_at	0.004296	1475.23	1136.1	Immp1	BC008259	NM_028260
1036	1435382_at	0.004307	8080.43	6341.33	Ndn	AW743020	NM_010882
1037	1420822_s_at	0.004309	896.8	622.9	Sgpp1	NM_030750	NM_030750
1038	1438187_at	0.00431	751.93	522.93	Slc25a29	BB832209	NM_181328
1039	1460436_at	0.004317	3167.47	2472.4	Ndst1	BI652065	NM_008306
1040	1439870_at	0.004331	260.53	168.87	A330008117R1k	BB129921	NM_175479
1041	1455342_at	0.004356	2119.17	1779.8	A230083H22R1k	BM232966	---
1042	1455144_s_at	0.004357	3491.87	3000.07	AUD40829	BB079908	NM_175003
1043	1428517_at	0.004361	3230.13	2470.77	Wafy3	AK012075	NM_172882
1044	1436420_a_at	0.004362	1503.47	1260.93	Ipo4	BB390936	NM_024267
1045	1429403_x_at	0.004369	439.27	313.1	Glt8d2	AK003894	NM_029102
1046	1452423_at	0.004374	625.63	389.7	Pc10	AM493746	NM_011995
1047	1428637_at	0.00438	2078.53	1679.07	Dyrk2	AK007736	NM_001014390
1048	1437707_at	0.004382	793.03	560.73	BC019561	BB835597	NM_144867
1049	1455975_x_at	0.004386	1337.53	1099.53	Zfp313	BB251247	NM_030743
1050	1419074_at	0.004387	829.67	582.2	2510006C20R1k	NM_026527	NM_026527
1051	1426838_at	0.004395	282.9	225.37	Pold3	AK010805	NM_133692
1052	1434663_at	0.004396	1017.73	777.83	2410129H14R1k	BI153133	NM_175245
1053	1450881_s_at	0.004403	730.07	481.07	Twtf1	AK010724	NM_031999
1054	1433887_at	0.004406	1325.93	889.27	Dnaic3	AV024539	NM_008929
1055	1421849_at	0.004435	2010.57	1404.53	Strag2	NM_021465	NM_021465
1056	1428178_s_at	0.00444	4384.7	3871.83	Trappc6b	BG066452	NM_030057



Table 11

1057	1449815_a_at	0.004444	3762.03	3077.87	Ssbp2	NM_024186	NM_024186	///	NM_024272
1058	1444199_at	0.004454	456.57	304.37	---	AM046689	---		
1059	1435190_at	0.004464	5431.5	3864.87	Ch11	BB378591	NM_007697		
1060	1422497_at	0.004472	1777.83	1355.73	Slc30a5	NM_022885	NM_022885		
1061	1452288_at	0.004474	463.8	296.2	BB128963				
1062	1426264_at	0.00448	2013	1851.67	Dlat	AV336308	NM_145614		
1063	1433676_at	0.004489	3816.43	3313.9	Wnk1	BM232571	NM_198703		
1064	1440681_at	0.004489	678.4	532.53	---	BM115621	---		
1065	1444560_at	0.004495	185.53	114.73	---	AI834981	---		
1066	1421841_at	0.0045	1820.93	1381.77	Fgfr3	NM_008010	NM_008010		
1067	1455594_at	0.004515	2185.77	1743.77	---	BF457860	---		
1068	1455849_at	0.004515	245.23	160.77	Nav1	BE980206	NM_173437		
1069	1417385_at	0.00452	2290.83	1803.47	Npepps	AK010446	NM_008942		
1070	1428749_at	0.004524	5252.23	4566.87	Dmx12	AK018275	NM_358382	///	NM_620749
1071	1416714_at	0.004531	202.73	134.57	Irf8	BG069095	NM_008320		
1072	1429781_s_at	0.004539	255.53	139.73	D3ErtD789e	AK014839	NM_026222		
1073	1422490_at	0.004544	610.73	497.07	Bnip2	AV144704	NM_001008238	///	NM_016787
1074	1423818_a_at	0.004552	6780.2	4814.07	Ar16ip1	AF133669	NM_019419		
1075	1415744_at	0.004555	2796.7	2353.2	H2-Ke2	BC022974	NM_010385		
1076	1437709_x_at	0.004556	730.5	534.97	Ttc13	BB492914	NM_358379		
1077	1454794_at	0.004557	1803.57	1344.43	Spast	AV298495	NM_016962		
1078	1423347_at	0.004558	4853	3456.7	Sec23a	BM232234	NM_009147		
1079	1425591_a_at	0.004571	3014.77	2521.9	Chmp2a	BC012230	NM_026885		
1080	1439808_at	0.00458	5720.8	4588.03	Al30090K04Rik	BQ176089	---		
1081	1434648_a_at	0.004588	2037.27	1426.8	Ccm2	BI903794	NM_146014		
1082	1427020_at	0.004589	839.23	605.57	Scara3	BC026446	NM_172604		
1083	1417022_at	0.004604	271.43	179.23	Slc7a3	NM_007515	NM_007515		
1084	1424186_at	0.004617	1040.8	822.87	2610001E17Rik	BG074158	NM_026439		
1085	1457632_s_at	0.004624	1222.67	652.2	Mrg1	BB207647	NM_010825		
1086	1417558_at	0.004625	4547.63	4102.77	Fyn	NM_008054	NM_008054		
1087	1431619_a_at	0.004627	1879	1569.73	Dtnbpl	AK017400	NM_025772		
1088	1438641_x_at	0.00463	2577.8	1800.5		1500016010Rik	BB391156		
1089	1417512_at	0.004641	1679.67	1352.43	Evi5	LOC544746	AT255184		
1090	1437456_x_at	0.004674	3204.17	2800.17	Ythdfl	BB332410	NM_173761		
1091	1422470_at	0.004675	4896.73	3745.27	Bnip3	NM_009760	NM_009760		
1092	1423097_s_at	0.004683	1255.63	808.83	Capn7	BQ257745	NM_009796		
1093	1453061_at	0.004686	968.87	694.47		2610018007Rik	AK011449	---	
1094	1434819_at	0.004687	1541.03	841.97	Stgga12	BB709312	NM_172829		
1095	1427074_at	0.004706	2675.1	1897.47	Pcmtd2	BM117243	NM_153594		

Table 11

1096	1436533_at	0.004728	944.6	608.7	Trove2	BQ176653	NM_013835	
1097	1423627_at	0.004734	178.93	114.73		Nqol	AV158882	NM_008706
1098	1459661_at	0.004742	118.37	88.93	AW492955			
1099	1419469_at	0.00475	866.13	615.93	Gnb4	BI713933	NM_013531	
1100	1424025_at	0.00475	422.9	302.53	BC013529	BC013529	NM_145418	
1101	1436483_at	0.00475	4160.43	2851.43	Myt11	BM116113	NM_008666	
1102	1449465_at	0.004761	4209.83	3532.57	Reln	NM_011261	NM_011261	
1103	1455070_at	0.004763	2081.83	1475.17	Al118268	BF730353		
1104	1429050_at	0.004764	525.4	376.2	Chic2	AK015681	NM_028850	
1105	1426272_at	0.004767	1217.63	1042.1	Imbr1	BG070844	NM_020295	
1106	1457979_at	0.004776	1955.2	1559.83		BM938335		
1107	1416765_s_at	0.004777	2785.43	2130.37	MGI:1913699	NM_025571	NM_025571	
1108	1452318_a_at	0.004799	441.53	184.37	Hspal1b		M12573	NM_010478
1109	1454851_at	0.004803	4625.67	3909.07	Nr2c2	AV162817	NM_011630	
1110	1451074_at	0.00481	2963.03	2353.1	Rnf13	AF037205	NM_011883	
1111	1435177_a_at	0.004825	4086.47	3444.9	Anapc5		BF019960	NM_021505
1112	1448144_at	0.004846	505.33	371.2	Hnrpab	NM_010448	NM_010448	
1113	1417435_at	0.004855	5036.9	4390.5	Iarge	BG261907	NM_010687	
1114	1441276_at	0.004876	323.87	258.67	Pcpkx	AV174021	NM_008983	
1115	1435060_at	0.00488	3855.1	2783.5	Tmod2	BB667124	NM_016711	
1116	1435930_at	0.004884	1285.23	1071.63	Zfp291	BQ175997	XM_620753	
1117	1422442_at	0.004892	2518.6	2013.13	Smu1	NM_021535	NM_021535	
1118	1452718_at	0.004894	3116.67	2681.67	Edd1	BG073486	XM_196130	
1119	1428883_at	0.004901	1490.43	1153.53	Tmem57	AK003528	NM_025382	
1120	1454892_at	0.004911	3218.43	2370.7	Pitpnb	AW543558	NM_019640	
1121	1417844_at	0.004915	821.43	581.6	Med4	NM_026119	NM_026119	
1122	1438494_at	0.004919	595.6	473.7	Hrh1	BB051552	NM_008285	
1123	1449261_at	0.00492	429.8	303.97	Pbx2	NM_017463	NM_017463	
1124	1427005_at	0.004925	5693.37	4420	Plk2	BM234765	NM_152804	
1125	1428652_at	0.004942	1557.27	1147.57		0610010F05R1k	BB469274	NM_027860
1126	1457490_at	0.004948	490.93	329.83		B230218L05R1k	BB304331	NM_207260
1127	1435348_at	0.004954	337.67	258.17		D930009K15R1k	BQ177188	
1128	1416072_at	0.004959	2331.27	1944.23	Cd34	NM_133654	NM_133654	
1129	1435618_at	0.004959	1886.93	1387.9	Pmma2	BB473446	NM_175498	
1130	1452616_s_at	0.00496	1009.73	739.3	Ssbp1	BG073014	NM_028358	/// NM_212468
1131	1451348_at	0.004963	431.23	243.83	Depdc6	BC004774	NM_145470	
1132	1452065_at	0.004971	3142.17	1886.7		BC027127	BB085570	NM_145967
1133	1426382_at	0.004976	1959.43	1672.2	Ppm1b	AJ271833	NM_011151	
1134	1439825_at	0.004977	92.87	47.5	Dtx31	BB705351	NM_001013371	
1135	1417027_at	0.00499	5351.37	4600.53	Trim2	BB283676	NM_030706	

Table 11

1136	1429244_at	0.004991	790.57	674.3	2610524H06Rik	AM494389	NM_181075	
1137	1435103_x_at	0.005008	2084.5	1866.2	Fars1b	AV116958	NM_011811	
1138	1419546_at	0.005011	7774.2	6259.87	Atp6v1c1	AA987147	NM_025494	
1139	1416465_a_at	0.005014	6799.7	5160.03	Vapa	BB037317	NM_013933	
1140	1419994_s_at	0.005025	1339.17	1102.93	D10Ert641e	AU015124	NM_025514	
1141	1436317_at	0.005034	776	526.47	D230012E17Rik	BM115569	---	
1142	1450758_at	0.005042	109.97	79.57	Cntnap2	AU079588	NM_001004357	/// NM_025771
1143	1459985_at	0.005045	1721.67	1435.07	Wdr61	NM_023191	NM_001025375	/// NM_001025376
1144	1455618_x_at	0.005066	1239.27	759.87	Tspan3	BT440178	NM_146173	/// NM_023191
1145	1417223_at	0.005075	1590.97	1397.3	Cd2bp2	NM_027353	NM_027353	
1146	1418749_at	0.005079	6797.33	6110.9	BC003498	NM_030263	NM_030263	
1147	1418822_a_at	0.005093	2228.93	1965.8	Arf6	BT248938	NM_007481	
1148	1450684_at	0.005101	962.3	637.13	Etv1	NM_007960	NM_007960	
1149	1460588_at	0.00513	450.5	270.8	---	---	---	
1150	1416790_a_at	0.005163	1729.5	1511.83	Td9	LOC434200	LOC545124	NM_011561 NM_011561 /// NM_172552
/// XM_485951 /// XM_619343								
1151	1423095_s_at	0.005164	2650.63	1990.2	Ctbn	AV156594	NM_021449	/// NM_175357
1152	1433939_at	0.005164	1268.67	1006.17	A730046J16	BQ177036	---	
1153	1437622_x_at	0.005171	1592.67	1193.23	Mp128	BS530031	NM_024227	
1154	1448537_at	0.005172	1507.83	1217.17	Tec1	NM_133795	NM_133795	
1155	1455447_at	0.005178	3122.37	2586.73	D430019H16Rik	BM116882	---	
1156	1433710_at	0.005181	556.47	444.23	AA517853	BM208114	NM_153799	
1157	1419917_s_at	0.005186	3672.3	2544.37	Tmed7	AW545765	XM_128959	
1158	1455589_at	0.005193	538.1	371.03	170010M05Rik	BF018849	---	
1159	1454735_at	0.005214	742.23	629.07	Odfe2	BB450471	NM_013615	
1160	1458843_at	0.005225	256.83	159.1	BF467207	---	---	
1161	1417893_at	0.005228	1192.2	873.97	Sfxn3	NM_053197	NM_053197	
1162	1454760_at	0.005241	2516.23	1983.9	Htatsf1	AW543705	NM_028242	
1163	1450021_at	0.005242	9324.5	7179.07	Ubqln2	AV171029	NM_018798	
1164	1433779_at	0.005247	2836.5	2444.03	Casq4	AV311104	NM_177054	/// NM_199038
1165	1415928_a_at	0.005248	7369.37	5993.83	Map1lc3b	AU080586	NM_026160	
1166	1422684_a_at	0.00526	1994.8	1553.67	Sec811	NM_009148	NM_009148	
1167	1428853_at	0.005276	1263.5	921.2	Ptch1	BG071079	NM_008957	
1168	1423390_at	0.005279	1189.7	910.03	Siah1a	AV008871	NM_009172	
1169	1455826_a_at	0.005288	1778.8	1266.37	Bacel1	BB114336	NM_011792	
1170	1437838_x_at	0.005296	4064.13	3042	Grsf1	BB223437	NM_178700	
1171	1436821_at	0.005296	1443.23	1014.2	Picxd3	BB293136	NM_177355	
1172	1422869_at	0.005298	1070.97	845.53	Mertk	NM_008587	NM_008587	
1173	1434468_at	0.005323	1176.3	877.73	Otd4	BM238914	XM_194424	
1174	1455777_x_at	0.005324	1415.97	974.57	Hsd17b4	BB032410	NM_008292	

Table 11

1175	1425966_x_at	0.005326	2737.43	1261.97	Ubc	D50527	NM_019639
1176	1417701_at	0.005327	970.97	769.07	Pppl14c	NM_133485	NM_133485
1177	1432195_s_at	0.005328	1356.8	1044.63	Ccn12	AK08585	NM_018856 /// NM_207678
1178	1436816_at	0.005334	762.87	445.1	Nup133	BS59624	NM_172288
1179	1450853_at	0.005339	2230.87	1590.5	Tle4	AU045006	NM_011600
1180	1446244_at	0.005352	492.63	405.8	D6Bwg1452e	BB077439	NM_143984
1181	1431050_at	0.005382	362.6	149.4	Rps6ka5	BE291900	NM_153587
1182	1439904_at	0.005398	1160.37	859.9	Fst15	BB374771	NM_178673
1183	1460308_a_at	0.005403	1953.07	1769.63	Ict1	NM_026729	NM_026729
1184	1426762_s_at	0.005404	2673.97	2233.5	Aof2	AK007763	NM_133872
1185	1438306_at	0.005405	797.2	480.8	Rnf180	AV340072	NM_127534
1186	1435227_at	0.005407	1461.47	978.23	---	BM117007	---
1187	1439259_x_at	0.005409	2738.87	2100.13	Abhd4	BB458178	NM_134076
1188	1417980_a_at	0.005415	807.27	568.67	Insig2	AV257512	NM_133748 /// NM_178082
1189	1417981_at	0.005415	1887.5	1529.47	Insig2	AV257512	NM_133748 /// NM_178082
1190	1434856_at	0.005453	454.73	317.77	E130014H08Rik	AV256780	NM_619625 /// NM_619626 /// XM_622259
1191	1452591_a_at	0.005453	1639.8	1359.03	2410018G20Rik	AK010544	NM_029354
1192	1437559_at	0.005454	5896.33	4948.03	D13Bwg1146e	BB130891	NM_029879
1193	1435923_at	0.005457	1345.43	1099.17	Gm237	BB667109	NM_001005419
1194	1417387_at	0.005458	1063.6	767.23	Meq31	NM_026068	NM_026068
1195	1448654_at	0.005472	1284.07	1083.43	Mcch2	BT872421	NM_019758
1196	1449429_at	0.005473	1478.3	1163.9	Fkbp1b	NM_016863	NM_016863
1197	1429053_at	0.005476	2033.33	1845.2	1110012J17Rik	BB795266	NM_172963
1198	1451189_at	0.005495	854.5	679.37	Zswim1	BC025184	NM_028028
1199	1439170_at	0.005495	773.8	538.33	---	AU067772	---
1200	1434203_at	0.005499	4356	3713.07	BC055107	BF682848	NM_183187
1201	1436747_at	0.005511	1509.6	1234.6	1110014K08Rik	LOC545968	BE570477 NM_176902 /// XM_620502
1202	1448694_at	0.005518	1291.1	862.77	Jun	NM_010591	NM_010591
1203	1434251_at	0.005523	1738.37	1490.13	Cnot1	BM202561	NM_486150
1204	1429461_at	0.005524	809.3	566.9	2810417D08Rik	AK013101	NM_027421
1205	1454751_at	0.005524	424.63	298.67	G430022H21Rik	BM247306	NM_201638
1206	1427984_at	0.005525	292.87	162.77	Seup6	BG066990	NM_146003
1207	1416857_at	0.005534	3188.37	2474.4	Sdf2	NM_009143	NM_009143
1208	1426759_at	0.005535	2920.03	2426.37	Map4k3	BF165548	NM_128800
1209	1436715_s_at	0.005538	6217.93	4681.47	Cdip1	BB311117	NM_026638 /// NM_138754
1210	1451381_at	0.005542	869.23	660.43	1810020D17Rik	BC026557	NM_183251
1211	1445574_at	0.005543	489.9	378.5	---	BG067678	---
1212	1428645_at	0.005544	1287.53	991.6	Gnai3	BM207342	NM_010306
1213	1424094_at	0.00556	860.33	721.87	Nek9	BC024926	NM_145138
1214	1426721_s_at	0.005564	712.37	463.3	Tiparp	BB707122	NM_178892

Table 11

1215	1437875_at	0.005566	1638.4	1451.97	Bicd2	AV328403	NM_029791	
1216	1454966_at	0.005568	202.3	120.13	Itga8	BQ175493	NM_001001309	
1217	1443931_at	0.005581	93.1	61.3	Zfp617	AW548399	NM_133358	
1218	1428824_at	0.005585	1098.63	995.6	231003C23Rik	AK009106	NM_029607	
1219	1445546_at	0.005585	226.77	116.43	AI844685	AI844685	---	
1220	1459807_x_at	0.00559	4793.8	1923	4933406E20Rik	BB306202	NM_028944	
1221	1426165_a_at	0.005591	123.83	84.93	Casp3	D86352	NM_009810	
1222	1426668_at	0.005602	3873.43	3004.77	Slc30a9	BB117951	NM_178651	
1223	1450149_a_at	0.005605	10747.77	8460.27	Ppp1cc	LOC434233	NM_013636	NM_013636 /// XM_485994
1224	1454960_at	0.00563	1557.9	1348.5	Smad3	BI646741	NM_016769	
1225	1456383_at	0.00565	951.77	812.23	Rsl1d1	BM239987	NM_025546	
1226	1441259_s_at	0.005666	974.67	647.63	Wdr10	C86139	NM_031177	
1227	1418186_at	0.005672	465.3	368.97	Gstt1	BC012254	NM_008185	
1228	1434075_at	0.005673	4625.87	3612.97	BC030336	AY374294	XM_133786	
1229	1433476_at	0.005681	4442.1	3456.87	C78339	BG075168	XM_127312	
1230	1429194_at	0.005687	475.17	329.07	Tigd2	BB373351	XM_144820	
1231	1439785_at	0.005689	48.3	27.67	9630013A20Rik	BB126284	---	
1232	1436156_at	0.005692	1118.03	847.5	Ccart1	AW538049	NM_026201	
1233	1435392_at	0.005698	528.43	414.03	Wdr17	BS277182	NM_028220	
1234	1433752_s_at	0.005708	1567.33	1134.93	D030016E14Rik	BG076254	NM_177240	
1235	1450223_at	0.005716	187.23	102.13	Apafl	NM_009684	NM_009684	
1236	1456019_at	0.005719	534.33	308.43	Cwfl912	AV370154	NM_027545	
1237	1427075_s_at	0.005723	1602.27	1033.37	Pcmtd2	BM117243	NM_153594	
1238	1428914_at	0.005725	972.87	744.67	2310014D11Rik	AK009333	---	
1239	1436729_at	0.005729	844.5	649.47	2600003E23Rik	AV328634	NM_027373	
1240	1441498_at	0.005737	200.67	99.03	Ptprdx	AW546318	NM_001014288	/// NM_011211
1241	1423686_a_at	0.005744	1230.47	1161.97	1110020C13Rik	BC016234	NM_025385	
1242	1439438_a_at	0.005755	2098.83	1500.63	111005A23Rik	AV084012	NM_025364	
1243	1434757_at	0.005759	1533.27	1269.37	Cbfa2t2h	BG070774	NM_172860	
1244	1439035_at	0.005762	1240.67	873.87	Zfp322a	BG075830	NM_172586	
1245	1456596_at	0.005791	141.97	100.7	6430550H21Rik	BB093996	NM_172930	
1246	1458273_at	0.005799	313.23	231	Hnrpd	AI843818	NM_007516	
1247	1452929_at	0.005806	2411.2	1943.4	Rsn	AK003546	NM_019765	
1248	1436918_at	0.005812	1655.1	1127.6	4932442E05Rik	BB374941	---	
1249	1440911_at	0.005826	208.33	121.3	Col23a1	AI429655	NM_153393	
1250	1416488_at	0.005829	1352.57	913.33	Ccng2	U95826	NM_007635	
1251	1426593_a_at	0.00584	1811.03	1347.03	Fbxo22	BB756840	NM_028049	
1252	1448308_at	0.00584	747.77	570.77	Ap3ml	AF242857	NM_018829	
1253	1452876_x_at	0.005849	177.57	97.43	2610044O15Rik	AK011776	NM_153780	
1254	1456790_at	0.005849	250.77	122.23	AA407452	BB139169	XM_145140	

Table 11

1255	1460319_at	0.005855	2384.77	2098.03	Fut8	NM_016893	NM_016893
1256	1422912_at	0.005861	296.9	163.43	Bmp4	NM_007554	NM_007554
1257	1423567_a_at	0.005866	3718.47	3123.63	Psmc7	BG297088	NM_011969
1258	1437284_at	0.005867	833.8	539.03	Fzd1	BB259670	NM_021457
1259	1451193_x_at	0.005875	802.2	653.83	Ttc4	BC025435	NM_028209
1260	1437920_at	0.00588	1106.5	935.37	Ephas	AI854630	NM_007937
1261	1423285_at	0.005891	690.23	434.93	Coch	BB731671	NM_007728
1262	1438631_x_at	0.005892	700.4	483	Ttc13	BB098824	NM_358379
1263	1455225_at	0.005894	3558.2	2879.27	Syme1	AV237615	NM_022027
1264	1449068_at	0.005912	2079.13	1614.67	Zfp148	X98096	NM_011749
1265	1417007_a_at	0.005913	2401.63	1859.43	Yps4b	NM_009190	NM_009190
1266	1433645_at	0.005923	1425.63	1225.13	2210409B2R1k	BM207133	---
1267	1434881_s_at	0.005928	1337.57	836.17	Kctd12	BM220945	NM_177715
1268	1419543_a_at	0.005945	1773.23	1555.4	Sfrs10	BG229318	NM_009186
1269	1428280_at	0.005946	863.97	708.47	Fip111	BM199874	NM_024183
1270	1433794_at	0.005958	2653.3	2135.7	Als4	BM211942	NM_198033
1271	1437239_x_at	0.00596	1418.77	1057.63	Phc2	BB334118	NM_018774
1272	1435167_at	0.005972	756.7	586.3	Ranbp6	AW108431	NM_177721
1273	1452700_s_at	0.005972	2558.43	1681.27	Kbtbd7	AK003597	NM_001024135
1274	1427275_at	0.005973	403.57	227.03	Smc411	BI665568	NM_133786
1275	1451202_at	0.005975	1677.7	1234.17	C330007P06R1k	BC021479	NM_135837
1276	1457709_a_at	0.005978	382.3	318.43	A930005H10R1k	BF318375	NM_619953
1277	1434383_at	0.00598	11399.57	8946.63	Pja2	BM114949	NM_001025309
1278	1437481_at	0.005983	416.9	309.7	Spdy1	AV032349	NM_128768
1279	1419394_s_at	0.005988	421.3	143.87	S100a8	NM_013650	NM_013650
1280	1441905_x_at	0.006005	2704.97	2105.5	---	BB264453	---
1281	1434172_at	0.006006	4699.37	3088.37	BQ177934	---	---
1282	1451151_s_at	0.006009	647.07	517.87	Zfp410	BC021528	NM_144833
1283	1423201_at	0.006019	3129.27	2150.13	Ncor1	U22016	NM_011308
1284	1450769_s_at	0.006033	146.37	115.8	Stard5	BI076697	NM_023377
1285	1453160_at	0.006033	1466.33	1179.9	Thrap1	BB244704	NM_109726
1286	1455169_at	0.006048	2439.43	1798.87	---	BG076094	---
1287	1458585_at	0.006049	527.77	347.53	---	AT506321	---
1288	1448756_at	0.006052	375.6	111.67	S100a9	NM_009114	NM_009114
1289	1442465_s_at	0.006062	1811.07	1587.4	Strbp	AV377824	NM_009261
1290	1433524_at	0.006065	2245.23	2041.87	AV042671	BB247577	NM_132325
1291	1434728_at	0.006076	4402.53	3425.3	---	BM220576	---
1292	1428103_at	0.006087	2578.87	1854.1	---	AV327574	---
1293	1456279_a_at	0.00609	1651.67	1299.83	Bcap31	AV094648	NM_012060
1294	1451221_at	0.006096	838.03	711.6	BC018507	NM_358313	---

Table 11

1295	1433864_at	0.006113	1509.63	1212	Lxp12	AV254798	NM_172814		
1296	1450760_a_at	0.006123	334.93	243.43	Ing3	BB020556	NM_023626		
1297	1426459_s_at	0.006127	2399.8	197.5	AW549877	BC073457	NM_145930		
1298	1455468_at	0.006143	703.47	502.33	9330164H19Rik	BB768758	NM_178704		
1299	1448635_at	0.006144	333.03	242.77	Snc211	NM_008017	NM_008017		
1300	1460597_at	0.006149	341.57	232.03	Asx12	AV312178	NM_172421		
1301	1457046_s_at	0.006184	183.17	109.97	C77370	BB545241	XM_205178		
1302	1418071_s_at	0.00621	468.23	339.23	Cdy1	AF081260	NM_009881		
1303	1423229_at	0.006225	399.23	311.27	Imp5e	BM217803	NM_033134		
1304	1452341_at	0.006241	1455.37	1322.83	Ech51	B111416	NM_053119		
1305	1439046_at	0.00625	417.63	347.37	At851076	AV376983	NM_001012309		
1306	1452675_at	0.006257	706.47	584.43	Rbm22	BB758922	XM_619541		
1307	1420196_s_at	0.006261	2902.93	2120.6	Tbc1d14	C77429	NM_133910		
1308	1435879_at	0.006263	2277.47	2040.8	Akc3	BB521695	NM_011785		
1309	1428935_at	0.006279	433	313.63	Caux	AI988026	NM_007597		
1310	1424004_x_at	0.006312	803.73	561.17	4930444A02Rik	BC027296	NM_029037		
1311	1429651_at	0.00632	3214.73	2737.7	Phactr3	AV339670	NM_001007154	///	NM_028806
1312	1445676_at	0.006323	1206.83	628.73	Kcnn2	BB130001	NM_080465		
1313	1416983_s_at	0.006329	668.13	467.83	Foxo1	AI462296	NM_019739		
1314	1416659_at	0.006334	2326.27	2010.27	Elf3s10	AW701127	NM_010123		
1315	1448733_at	0.006334	1313.33	780.43	Pcgtf4	M64279	NM_007552		
1316	1451507_at	0.006337	9737.8	8382.9	Meft2c	BB280300	NM_025282		
1317	1437874_s_at	0.006342	4515.8	3147.9	Hexb	AV225808	NM_010422		
1318	1435311_s_at	0.00635	677.07	429.23	Fbxo7	AV327590	NM_153195		
1319	1424280_at	0.006363	633.5	525.57	Mospd1	BC018329	NM_027409		
1320	1452095_a_at	0.006365	637.43	412.77	H47	AK005204	NM_024439		
1321	1452730_at	0.006368	636.73	531.2	1110033019Rik	AK004068	NM_025405		
1322	1456253_s_at	0.006371	509.3	407.8	Plekh1	K1h117	BB448454	NM_001008233	///
1323	1436735_at	0.006374	445.6	326.6	Nsun3	BB769111	NM_178925		
1324	1429514_at	0.00639	6845.63	5186.83	Ppap2b	AW11876	NM_080555		
1325	1426531_at	0.006393	3240.77	2906.33	Zmynd11	BB832996	NM_144516		
1326	1415941_s_at	0.006402	1305.3	1035.37	Zfand2a	NM_133349	NM_133349		
1327	1451570_a_at	0.006407	3811.37	3080.57	6720467C03Rik	BC020162	NM_026558		
1328	1455538_at	0.006416	5016.87	4004.33	6330403M23Rik	BM200963	---		
1329	1420131_s_at	0.006427	1171.33	928.1	Ptfg1p	AU018448	NM_145925		
1330	1438580_at	0.006436	949.43	702.57	---	BB018109	---		
1331	1460429_at	0.006439	2356.97	2002	Cdc51	AK004547	NM_152810		
1332	1448224_at	0.006459	1102.33	860.47	Tfam	NM_009360	NM_009360		
1333	1428279_a_at	0.006461	458.87	316.37	Atxn714	AK013145	NM_028139		
1334	1450973_s_at	0.006462	926.2	663.33	Mapkbp1	BQ174980	NM_011941		

Table 11

1335	1431076_at	0.006468	6087.93	4786.9	Adc2	Bg976853	NM_013458	
1336	1424114_s_at	0.006476	259.7	144.07	Iamb1-1	Bg970109	NM_008482	
1337	1434108_at	0.006479	2173.3	1652.2	Fpxo11	Bm250164	XM_110248	
1338	1416631_at	0.00648	317.73	236.13	Ap4b1	NM_026193	NM_026193	
1339	1435626_a_at	0.006508	1541.27	1065	Herpud1	At835088	NM_022331	
1340	1434173_s_at	0.006515	1674.37	1249.07	D19Bg1357e	AW324123	NM_177474	
1341	1439387_x_at	0.006519	893.13	621.43	2210061F22Rik	BB253397	XM_134537	
1342	1415724_a_at	0.00652	3844.17	3161.87	Cdc42	AV000235	NM_009861	
1343	1428543_at	0.006521	217.07	147.63	Ppat	AV305746	XM_620209	
1344	1418225_at	0.006526	557.23	486.7	Orc21	BB830976	NM_001025378	/// NM_008765
1345	1444531_at	0.006545	684.9	410.7	Sod2	At847438	NM_013671	
1346	1447905_x_at	0.006548	2701.47	2340.53	Nup62	BB331755	NM_053074	
1347	1455951_at	0.006561	1105.37	861.4	Mars	Bm211104	NM_001003913	
1348	1428198_at	0.006569	374.4	300.53	4930578F03Rik	AK016299	XM_485055	
1349	1434120_a_at	0.006583	3119	2508.1	Metap2	AW742814	NM_019648	
1350	1455317_at	0.006615	2618.7	1992.63	Epc2	BB034610	NM_172663	
1351	1426994_at	0.006618	2402.53	2086.1	Philp	BC024670	XM_129968	
1352	1422541_at	0.006631	958.6	764	Ptprm	NM_008984	NM_008984	
1353	1427126_at	0.006636	207.13	130.83	Hspalb	M12573	NM_010478	
1354	1417846_at	0.006637	1469.47	1239.3	Ulk2	NM_013881	NM_013881	
1355	1456535_at	0.006638	1216.53	910.27	Vps13c	AV372341	XM_620758	
1356	1429389_at	0.006639	476.27	326.27	Setmar	AK017895	NM_178391	
1357	1417140_a_at	0.006643	711.8	476.07	Pcpn2	NM_008977	NM_008977	
1358	1441815_at	0.006651	1904.4	1469.73	At851453	At851453	---	
1359	1428448_a_at	0.006657	660.53	471.7	Gtf3c2	AV297256	NM_027901	
1360	1453583_at	0.006686	301.73	196.23	Ezeft1	At466222	XM_111053	
1361	1423759_a_at	0.006704	2108.77	1688.23	Tmco1	BC020098	NM_026881	
1362	1435078_at	0.006712	2868.17	2584.97	3526402U09Rik	BQ173895	---	
1363	1448848_at	0.006714	851.93	663.1	Tor1b	BB004887	NM_133673	
1364	1418109_at	0.00672	890.23	607.1	Gsp12	NM_008179	NM_008179	
1365	1448958_at	0.00672	538.87	380.73	Mgt1	1929890	NM_022329	NM_022329
1366	1449732_at	0.006739	314.9	242.97	Zfp101	At326272	NM_011757	
1367	1460180_at	0.006744	2303.73	1968.77	Hexb	NM_010422	NM_010422	
1368	1423046_s_at	0.006745	1472.03	1220.67	Ncbp2	BE285362	NM_026554	
1369	1437837_x_at	0.006745	2853.37	1957.03	Poldip3	BB377698	NM_178627	
1370	1426484_at	0.006748	400.87	317.87	Upxd2	At788596	NM_026390	
1371	1424489_a_at	0.006759	424.13	340.07	Trit1	BC019812	NM_025873	
1372	1423883_at	0.006768	1756.53	1411.83	Acs11	BC006692	NM_007981	



Table 11

1373	1452147_at	0.006774	1757.8	1419.9	Sec24c	BM118985	NM_172596
1374	1459253_at	0.006777	603.37	371.57	---	AW556597	---
1375	1435661_at	0.006786	1115.27	889.73	Als2cr4	BB018660	XM_355201
1376	1423922_s_at	0.006794	684.4	478.03	C77668	BC003209	NM_145540 /// NM_178876
1377	1455516_at	0.006812	1876.03	1529.83	A330102K23Rik	BG065199	NM_153409
1378	1456199_x_at	0.006823	3860.87	3257.87	Ranp9	BB106402	NM_019930
1379	1455788_x_at	0.006828	2807.93	2052.8	Poldip3	BB495487	NM_178627
1380	1423302_a_at	0.006841	315.5	264.17	Paxip1	AW742928	NM_018878
1381	1417644_at	0.006842	340.1	279.23	Sapn	BC021484	NM_010656
1382	1425554_a_at	0.006842	1657.8	1227.5	Cdc16	BC026606	NM_027276
1383	1455381_at	0.006842	759	412.1	4921513D23Rik	AV254721	---
1384	1452285_a_at	0.00685	6024.4	5163.4	Elf3s5	AK002778	NM_025344
1385	1416018_at	0.006854	1169.43	646.1	Drl	NM_026106	NM_026106
1386	1434084_at	0.006862	1220.27	767.17	5730601P06Rik	BF142017	XM_486197
1387	1428493_at	0.006871	410.67	343.33	2610511M17Rik	AK012129	---
1388	1448505_at	0.00689	3151.33	2364.27	MGI:1927354	NM_020558	NM_020558
1389	1434456_at	0.006891	2497.67	2041.97	Gm440	BG075955	NM_198620
1390	1434972_x_at	0.006899	3487.07	2493.23	Sfrs1	BG071935	NM_173374
1391	1428277_at	0.006915	1463.4	1101.3	Otud6b	AK011203	NM_152812
1392	1419460_at	0.006916	790.73	627.87	Rpp14	BI455861	NM_025938
1393	1428724_at	0.006922	450.5	353.27	Pcf11	BB283573	NM_029078
1394	1437526_x_at	0.006953	3049.9	1762.87	Hmpt	BB044174	NM_028871
1395	1435486_at	0.006953	2957.5	2394.07	Pak3	BQ175796	NM_008778
1396	1458268_s_at	0.006978	269.23	149	Igfbp3	AI649005	NM_008343
1397	1428910_at	0.00698	2511.47	1693.57	2310022B05Rik	BI328156	NM_175149
1398	1415770_at	0.006987	3259.7	1822.8	Wdr6	NM_031392	NM_031392
1399	1449718_s_at	0.006991	122.7	86.93	4930453N24Rik	AI649104	XM_148353
1400	1438420_at	0.007009	931.83	719.9	Rmpc2	AV019076	NM_133242
1401	1424802_a_at	0.007013	4132.3	3010.57	3300001P08Rik	AW536179	NM_026313
1402	1426002_a_at	0.00702	345	250.07	Cdc7	AB018574	NM_009863
1403	1418332_a_at	0.007031	3228.23	2599.63	Agtbp1	NM_023328	NM_023328
1404	1448253_at	0.007036	4614.67	3517.07	Glud1	NM_008133	NM_008133
1405	1416197_at	0.00704	1846.63	1536.93	Snrp1c	NM_011432	NM_011432
1406	1452380_at	0.007069	692.03	535.7	Epha7	BB075797	NM_010141
1407	1435014_at	0.007079	1499.93	1012.77	Rab39b	AV162168	NM_175122
1408	1424895_at	0.007081	345.47	295.2	Gpsm2	BC021308	NM_029522
1409	1453282_at	0.007092	1048.77	752.37	Cxadr	BB824924	NM_001025192 /// NM_009988
1410	1434196_at	0.007098	600.47	435.27	Dnaj4	BQ176119	NM_021422
1411	1433473_x_at	0.007101	1140.1	952.63	Tm2d2	BB815513	NM_027194
1412	1460303_at	0.007122	2240.6	1644.1	Nr3c1	NM_008173	NM_008173

Table 11

1413	1439399_a_at	0.007131	842.13	612.8	Rnu22	BE493265	---	
1414	1434132_at	0.007131	1651.53	1408.9	BE430025E21Rik	BE648090	NM_153548	
1415	1424993_at	0.007132	2108.6	1487.9	8430410K20Rik	BC014729	NM_145609	
1416	1423717_at	0.007142	2493.1	1751.2	AK3	BC019174	NM_021299	
1417	1428313_at	0.007148	308.8	187.57	Zswim3	AK014904	NM_178375	
1418	1456120_at	0.007149	1093.17	727.63	3110001120Rik	BR427489	XM_485063	
1419	1433675_at	0.007155	542.27	337.47	Rnu22	BQ177137	---	
1420	1423451_at	0.007162	11582.43	9626.13	Pgymc1	AT574180	NM_016783	
1421	1438096_a_at	0.007176	939.33	753.43	Dcymk	AV306250	NM_023136	
1422	1437213_at	0.007177	1021.77	735.67	Nuclt21	BC070110	NM_026623	
1423	1422881_s_at	0.007209	949.07	536.37	Sypl	BE333485	NM_013635	/// NM_198710
1424	1417594_at	0.007219	646.83	441.07	Gkap1	NM_019832	NM_019832	
1425	1419812_s_at	0.007221	5250.13	4481.97	D11Extg99e	C77389	NM_026618	
1426	1455082_at	0.007242	750.4	655.6	Cdbb	AW545867	XM_156257	/// XM_358863
1427	1428080_at	0.007246	2124.53	1698.63	2610528A17Rik	BC021317	NM_028273	
1428	1455505_at	0.007246	271.17	187.7	BC031407	AI840824	NM_145596	
1429	1429434_at	0.007251	539.33	364.13	Plk3ca	BE647269	NM_008839	
1430	1452240_at	0.007252	7188.73	5949.7	Bruno14	AV227653	NM_133195	
1431	1456600_a_at	0.007265	2198.73	1610.2	Rnf7	AV047821	XM_135065	
1432	1454926_at	0.007268	5089.03	3622.83	4930544G21Rik	AV327549	NM_172430	
1433	1455365_at	0.007276	401.83	293.83	Cdh8	BA426483	NM_007667	
1434	1452880_at	0.00728	1215.4	986.27	Znhit3	AK003721	NM_001005223	
1435	1416440_at	0.007285	2587.7	1764.4	Cd164	NM_016898	NM_016898	
1436	1441079_at	0.007289	164.1	99.27	MBD4	BE852447	NM_010774	
1437	1434892_x_at	0.007294	7218.73	5698.67	Rbbp4	BA462744	NM_009030	
1438	1439630_x_at	0.007318	895.23	532.83	MGT:2446326	AI844734	NM_172205	
1439	1417077_at	0.007319	1535.97	1401.63	Bcap29	NM_007530	NM_007530	
1440	1438441_at	0.007346	146.47	64.27	Idb4	AI323288	NM_031166	
1441	1428113_at	0.00735	1631.77	1073.43	4930403J22Rik	BE278364	NM_028651	
1442	1456615_a_at	0.00737	1867.5	1357.9	Fal2	AA867746	XM_126724	
1443	1429281_at	0.007391	398.27	317	2610008E11Rik	AK011343	NM_001004362	
1444	1454894_at	0.007403	847.17	770.43	Smurf2	BI139801	NM_025481	
1445	1434982_at	0.007468	322.2	228.6	---	AV327376	---	
1446	1437807_x_at	0.007478	1690.5	1256.7	Cttna1	BB066232	NM_009818	
1447	1437542_at	0.007482	301.9	202.4	A730095J18Rik	BB319935	---	
1448	1455187_at	0.007487	192.07	125.17	Zbtb40	BM231844	NM_198248	
1449	1449348_at	0.007503	1356.43	1048.37	Mpp6	AF199010	NM_019939	
1450	1448210_at	0.007504	2503.63	2038.13	Rab1	AW108405	NM_008996	
1451	1436870_s_at	0.007521	242.07	118	AU041783	BG068103	NM_146102	
1452	1416856_at	0.007522	1049.83	835.53	3230401D17Rik	BC005579	NM_025699	

Table 11

1453	1460292_a_at	0.007524	779.57	588.8	Smacra1	NM_053123	NM_053123
1454	1424104_at	0.007526	1294.7	1002	Syfe2	AY033432	NM_026780
1455	1433519_at	0.007528	7383.43	6106.3	Nucksl	AV123899	NM_175294
1456	1433507_a_at	0.007542	7809.8	6486.43	Hmgm2	BE553881	NM_016957
1457	1416861_at	0.007548	1594.93	1362.63	Stcam	NM_011484	NM_011484
1458	1444039_at	0.007555	156.4	74.17	Disp2	BB134461	NM_170593
1459	1438134_at	0.007563	2207.17	1547.67	Pcdh10	AV341417	NM_011043
1460	1427208_at	0.007584	646.2	542.9	Zfp451	BC024435	NM_133817
1461	1428468_at	0.007597	871	706.37		3110043021Rik	AK014175
1462	1454937_at	0.007609	1408.43	1036.4		BS30005N14Rik	BB329261
1463	1456205_x_at	0.007612	3855.6	3172.8	Tpca	BB559082	NM_009321
1464	1434310_at	0.007618	6414.4	5700.8	Bmp2	AW546137	NM_007561
1465	1433615_at	0.007628	189.43	131.7	BS30062P21Rik	BB521146	NM_178789
1466	1437525_a_at	0.007631	647.93	384.53	Polr3a	BB559175	XM_487324
1467	1431367_at	0.007633	508.03	300.6	1-Mar	AK013582	NM_175188
1468	1448167_at	0.007645	407.33	258.3	Ifngr1	NM_010511	NM_010511
1469	1423998_at	0.007649	306.27	239.57	Gef3c5	BC027247	NM_148928
1470	1416308_at	0.007662	957.37	707.8	Ugdh	NM_009466	NM_009466
1471	1455816_a_at	0.007671	4256.37	3270.77	Kctd3	BB321232	NM_172650
1472	1429454_at	0.007691	3124.4	2680.07	Gapvd1	BM123170	NM_025709
1473	1452158_at	0.007702	755.53	497.5	Epr3	BM238943	XM_129647
1474	1456058_at	0.007703	1262.9	827.73	Rbm27	BB228600	XM_128924
1475	1432813_at	0.007723	857.43	510	2900064F13Rik	AK013749	---
1476	1429166_s_at	0.007744	497.8	316.8	Clmn	AW494443	NM_053155
1477	1435668_at	0.007748	822.1	613.03	---	AW049283	---
1478	1457133_at	0.007765	326.23	252.47	---	BM195317	---
1479	1455746_at	0.007782	409.13	308.97	Klf13a	BF166390	NM_010617
1480	1423301_at	0.007801	1385.1	1199.27	Copb1	BF147382	NM_033370
1481	1448670_at	0.007803	6369.87	4688.3	Ube2e3	AW120830	NM_009454
1482	1435088_at	0.007814	1433.37	1233.43	---	BM945177	NM_001012638
1483	1439011_at	0.007817	257.63	131.63	---	BB333400	---
1484	1424166_at	0.007845	478.1	293.37	Msh3	M80360	NM_010829
1485	1433909_at	0.007861	765.3	542.07	Bk	AW048713	NM_138649
1486	1436915_x_at	0.007866	3094.63	1942.87	Iaptm4b	AU024771	NM_033521
1487	1418119_at	0.00787	1503.33	1191.77	Rbm8a	NM_025875	NM_025875
1488	1448273_at	0.007873	301.1	225.77	Gss	NM_008180	NM_008180
1489	1455141_at	0.007886	794.4	568.4	Thrc6a	BT080625	XM_486002
1490	1433463_at	0.007889	1819.83	1392.37		0610010K06Rik	BG072846
1491	1424358_at	0.007899	2217.67	1933.2	Ube2e2	BC016265	NM_144839
1492	1452353_at	0.007914	1003.33	839.03	Gpr155	BB762731	XM_130346

Table 11

1493	1420157_s_at	0.007928	1239.7	976.47	Abcfl	AA408356	NM_013854
1494	1438650_x_at	0.007946	4896.67	1727.87	Gjal	AV330726	NM_010288
1495	1424136_a_at	0.007962	411.2	307.6	Pp1h	LOC433064	LOC434090 BC016565 NM_028677 /// XM_484589 /// XM_485828
1496	1443401_at	0.007969	331.17	276.5	Ascn2	BM941510	NM_019514 /// NM_207109
1497	1456089_at	0.007971	637.6	496.53	Trim23	AV276781	NM_030731
1498	1429189_at	0.007983	4793.43	4103.07	1110007C02Rik	BI440651	NM_027923
1499	1456379_x_at	0.007984	3194.5	1980.47	Dier	BB038556	NM_152915
1500	1434788_at	0.007991	4372.83	3758.6	D930050A07Rik	BQ175713	---
1501	1443935_at	0.007994	1141.87	916.6	BC032203	BI683943	XM_140041
1502	1438528_at	0.007997	214	186.4	Pcm1	AW545979	NM_023662
1503	1448181_at	0.008002	741.97	427.97	Klf15	BC013486	NM_023184
1504	1448315_a_at	0.008002	697.5	558.13	Pycr2	NM_133705	NM_133705
1505	1426799_at	0.008016	2005.23	1395.2	Rab8b	BM214169	NM_173413
1506	1435547_at	0.008023	5826.5	4744.53	Mk12	BQ175722	NM_153588
1507	1435465_at	0.008028	3771.43	3236.57	Kbcbdl1	AW049906	XM_486083
1508	1457990_at	0.008031	1081.73	884.33	C030032C09Rik	BB080832	XM_618798
1509	1422467_at	0.008052	2616.93	1933.37	---	AF326558	---
1510	1426682_at	0.008052	2167.23	1845.5	Cnct6	BM940481	NM_212484
1511	1448125_at	0.008061	2824.87	2323.6	Rit2	BB271919	NM_009065
1512	1423328_at	0.008062	4643.63	3456.9	Gdapl	AU017649	NM_010267
1513	1424916_x_at	0.008068	255.3	183.57	8030466012Rik	BC026397	NM_146203
1514	1428808_at	0.008081	5112.27	4484.43	Prickle2	BQ177191	XM_144905
1515	1423155_at	0.008087	754.5	655.53	Str1	AK008404	NM_025618
1516	1416799_at	0.008102	898.77	590.43	Tryp7	AV320241	NM_021450
1517	1437490_x_at	0.008108	810	557.97	Uapl	BB506562	NM_133806
1518	1417052_at	0.008112	2309.2	2050.23	Psmdb3	BC014783	NM_011971
1519	1457139_at	0.008112	2039.13	1547.53	Auts2	AV021813	XM_620260
1520	1431060_at	0.00812	91.23	42.57	Pel11	AK020915	NM_023324 /// NM_030015
1521	1452982_at	0.008121	1612.13	1342.03	A330103N21Rik	BB446952	---
1522	1444328_at	0.008125	308.1	252.53	Ctla	AI593816	NM_016760
1523	1447923_at	0.008126	685.8	533.1	1810026B05Rik	BB327381	XM_489186
1524	1425115_at	0.008147	1458.33	1167.07	Rbpb6	BC025874	NM_011247 /// NM_175023
1525	1439766_x_at	0.008165	86.13	52.83	Vegfc	BB089170	NM_009506
1526	1450069_a_at	0.008168	2368.47	2323.57	Cugbp2	BB667096	NM_010160
1527	1455939_x_at	0.008174	6378.07	5316.7	Srp14	AV209126	NM_009273
1528	1436999_at	0.008183	1021.4	813.17	AL024069	AI504908	NM_001003948
1529	1421115_a_at	0.008192	699.93	558.93	Zdhhc16	NM_023740	NM_023740
1530	1418954_at	0.008206	1662.17	1373.33	Camk1	NM_018883	NM_018883
1531	1428840_s_at	0.008206	414.8	304.73	Wdr53	AK005105	NM_026898
1532	1424003_at	0.008239	693.63	501.17	4930444A02Rik	BC027296	NM_029037

Table 11

1533	1447936_at	0.008249	1313.23	814.93	241006H16Rik	AA939619	---
1534	1434320_at	0.008256	974.67	812.4	Gff3c4	AV221508	NM_172977
1535	1460179_at	0.008258	8041.77	6880.6	DnaJ1	BF141076	NM_008298
1536	1448835_at	0.008263	719.23	562.93	E2f6	NM_033270	NM_033270
1537	1434037_s_at	0.008278	778.77	598.93	Pcaf	AV094898	NM_020005
1538	1424427_at	0.008292	1107.93	913.97	Tadall	BC027337	NM_030245
1539	1456135_s_at	0.008297	488.23	307.27	Pxm	BB530368	NM_011223 /// NM_133915
1540	1440147_at	0.008315	1295.93	973.17	Tg12	BW118120	NM_144945
1541	1423577_at	0.00832	378.97	314.37	Ankrd32	BE553749	NM_134071
1542	1421923_at	0.008337	443.87	358.07	Sh3bp5	BQ179335	NM_011894
1543	1438157_s_at	0.008339	1268.9	779.57	NFKB1a	BB096843	NM_010907
1544	1423840_at	0.008343	1476.1	1332.4	D11Ert039e	BC026206	NM_026618
1545	1436157_at	0.008355	1612.6	1130.1	Ccar1	AM538049	NM_026201
1546	1441989_at	0.008358	366.87	228.6	Bnip2	AI481767	NM_00108238 /// NM_016787
1547	1424743_at	0.008367	382.33	309.63	2610003J06Rik	BC010800	NM_028101
1548	1423350_at	0.008373	2705.43	1625.73	Socs5	AA510713	NM_019654
1549	1455875_x_at	0.008383	7961.03	5086.83	Im9sf2	BB131843	NM_080556
1550	1437071_at	0.008401	3028.03	2156.83	E1fiay	BB471576	NM_025437
1551	1433571_at	0.008426	855.67	613.23	Serinc5	BQ175260	NM_172588
1552	1434590_at	0.008435	5593.67	4215.73	B230209C24Rik	BM898653	NM_177235
1553	1419100_at	0.008436	1051.57	697.13	Serpina3n	NM_009252	NM_009252
1554	1435116_at	0.008441	139.57	58.83	4933403G14Rik	BB219003	NM_028908
1555	1418128_at	0.00845	739.9	582.3	Adcy6	NM_007405	NM_007405
1556	1424800_at	0.00845	2812	2231	Etnah	BQ044016	NM_010135
1557	1455827_at	0.008458	5489.9	4739.33	Mdn12	BB003847	NM_175341 /// NM_207515
1558	1428512_at	0.00847	3148.17	2479.87	Bhlhb9	AK012577	NM_198161
1559	1436534_at	0.008478	1707.27	1271.67	Trove2	BQ176653	NM_013835
1560	1454947_a_at	0.00849	2089.37	1469.43	Ub1cp1	BE335796	NM_024475
1561	1433588_at	0.0085	1088.87	886.33	D6Wsu116e	BM238232	NM_026585
1562	1422511_a_at	0.008502	1210.83	984.5	Ogfr	AM476433	NM_031373
1563	1427965_at	0.008507	2422.1	1218.2	Ssbp1	BG073014	NM_028358 /// NM_212468
1564	1449059_a_at	0.008509	9278.77	8109.4	Oxct1	NM_024188	NM_024188
1565	1455486_at	0.008509	842.03	646.27	Pias1	BM246045	NM_019663
1566	1452265_at	0.008522	2874.2	2321.17	Claapl	AJ288061	---
1567	1428496_at	0.008533	549.27	340.2	Secisbp2	AA198634	NM_127336
1568	1455956_x_at	0.008535	891.63	649.5	Ccnd2	AV310588	NM_009829
1569	1452061_s_at	0.008538	1419	1192.2	Strbp	AK006314	NM_009261
1570	1454697_at	0.008546	4625.87	3650	Tlloc1	AI226757	NM_027016
1571	1431818_at	0.008547	1223.07	974.17	1700012B15Rik	AK005891	NM_028796
1572	1455686_at	0.008561	924.67	569	BB077342	---	---

Table 11

1573	1435020_at	0.008572	3929.8	3115.77	Sdcca91	BE980167	NM_025441	///	NM_181665
1574	1437904_at	0.00858	1310.6	1060.27	MGI:2387367	BB821609	NM_153405	///	NM_178090
1575	1456765_at	0.008581	1005.77	788.57	643051.F03	AV339861	---		
1576	1421023_at	0.008584	500.13	398.83	Pik3c2a	NM_011083	NM_011083		
1577	1427231_at	0.008592	421.53	295.5	Robo1	BG065230	NM_019413		
1578	1459854_s_at	0.008597	4975.47	3830.8	Tctel1	AV059518	NM_025975		
1579	1434131_at	0.00861	632.93	491.47	Rufy1	AV156392	NM_172557		
1580	1437476_at	0.008615	660.23	488.4	Rrm2b	BB470755	NM_199476		
1581	1428884_at	0.00863	1435.1	1118.47	Tmem57	AK003528	NM_025382		
1582	1419914_s_at	0.008635	3250.67	2530.2	D10Ert6438e	AM538011	NM_030250		
1583	1434427_a_at	0.008638	3302.77	2429.93	Rnf157	BB246182	NM_126776		
1584	1415973_at	0.008653	4785.47	3626.77	Marcks	AM546141	NM_008538		
1585	1434842_s_at	0.008657	961.73	698.1	Upf3b	AV294165	NM_026573		
1586	1412286_s_at	0.00866	1222.43	1073.7	Cdvl	NM_009879	NM_009879		
1587	1438412_at	0.008678	580.93	456.2	Phf17	BM119726	NM_172303		
1588	1427270_a_at	0.008696	1264.2	882.27	Bsdcl	BF729638	NM_133889		
1589	1425092_at	0.008703	1612.8	1167.2	Cdh10	AF183946	NM_283264		
1590	1456653_a_at	0.008729	448.83	300.5	Mthfd11	AV095209	NM_172308		
1591	1432042_a_at	0.008731	1715.67	1518.5	Snu1	AK011140	NM_021535		
1592	1416368_at	0.008742	1377.63	1039.23	Gsta4	NM_010357	NM_010357		
1593	1423508_at	0.008748	1140.33	957.8	Myst4	BB527816	NM_017479		
1594	1438322_x_at	0.008755	2478.67	2134.53	Pdft1	BB028312	NM_010191		
1595	1419186_a_at	0.008758	640.37	457.13	St8sia4	NM_009183	NM_009183		
1596	1440803_x_at	0.008762	239.03	157.87	Tacr3	BB498416	NM_021382		
1597	1428231_at	0.008763	2726.2	2016.87	Cpsf6	BB425379	NM_001013391		
1598	1416610_a_at	0.008765	3370.07	2890.8	C1cn3	NM_007711	NM_007711	///	NM_173876
1599	1430301_at	0.008777	1240.97	1100.57	Sexbp5	AK002951	NM_125517		
1600	1448149_at	0.008782	1716.9	1291.5	Cttnal	NM_009818	NM_009818		
1601	1438853_x_at	0.008792	1367.57	1147.67	Ddx54	BB463580	NM_028041		
1602	1456632_at	0.008794	1076.6	774.73	Bcl11a	BB424718	NM_016707		
1603	1459717_at	0.008815	387.77	235.7	---	AW045505	---		
1604	1417001_a_at	0.008825	2283.47	1717.63	Dawsu53e	BE447520	NM_023665		
1605	1436153_a_at	0.008829	5237.7	3524	Zmynd11	BB561053	NM_144516		
1606	1423462_at	0.008833	2003.87	1401.17	Map3k7ip2	BM213179	NM_138667		
1607	1448939_at	0.008836	688.33	366.63	Usp25	NM_013918	NM_013918		
1608	1460549_a_at	0.00885	543.87	433.73	Cdc23	BB492440	NM_178347		
1609	1420798_s_at	0.008872	5228.6	4188.17	Pcdha4	NM_054072	NM_001003671	///	NM_007766
///	NM_007767	///	NM_009957	///	NM_009959	///	NM_009960	///	NM_054072
///	NM_198117	///	NM_201243	///	NM_009961	///	NM_054072	///	NM_138661
1610	1416958_at	0.008887	7326.2	5252.17	Nr1d2	NM_011584	NM_011584		

Table 11

1611	1449080_at	0.0089	1139.67	983.6	Hdac2	NM_008229	NM_008229		
1612	1448548_at	0.008909	2711.53	2390.73	Tulp4	NM_054040	NM_054040		
1613	1438659_x_at	0.008922	2552.37	1814.33	Chchd6	BB458460	NM_025351		
1614	1445198_at	0.008925	108.07	68.4	Utx	BB306686	NM_009483		
1615	1437687_x_at	0.00893	1151.93	804.93	Fkbp9	BB026630	NM_012056		
1616	1434721_at	0.008961	874.17	769.9	D5Ert585e	AV378849	NM_027922		
1617	1434371_x_at	0.008965	2171.03	1810.87	Usp7	BB354576	NM_001003918		
1618	1428362_at	0.008976	3806.8	3426.97	B130105L1Rik	AU015377	---		
1619	1442141_at	0.008976	572.2	434.4	Xrnl	BF662057	NM_011916		
1620	1426482_at	0.008979	1844.83	1621.5	Pkrir	BF457576	NM_028410		
1621	1433726_at	0.008987	3357.2	2625.13	2310035C23Rik	BB124070	NM_173187		
1622	1417269_at	0.00899	2932.97	2540.23	Cdk9	NM_130860	NM_130860		
1623	1420925_at	0.009007	2512	1973.47	Tub	NM_021885	NM_021885		
1624	1455993_at	0.009009	177.57	145.83	Odz4	BG071076	NM_011858		
1625	1423055_at	0.009011	5363.03	4729.2	Nsgl	NM_010942	NM_010942		
1626	1455425_at	0.009014	414.7	231.5	BB001228	BG071655	---		
1627	1420091_s_at	0.00902	539.43	372.47	Morc3	A1452146	XM_489605	///	XM_622709
1628	1418500_at	0.009024	2109.93	1634.3	Nap1l3	NM_138742	NM_138742		
1629	1439440_x_at	0.009028	1504.37	1266.7	Pck91	BB397672	NM_011876		
1630	1422743_at	0.009032	333.67	246.5	Pfkfb1	NM_008832	///	NM_173021	
1631	1415706_at	0.009038	4751.37	4555.67	Copa	BQ175820	NM_009938		
1632	1425018_at	0.009098	4596.93	4039.73	Mctsl	BC010486	NM_026902		
1633	1437141_x_at	0.009113	476.4	284.03	Dym	BB549381	NM_027727		
1634	1435487_at	0.009115	400.37	288.83	Grid2	BB049642	NM_008167		
1635	1454608_x_at	0.009135	460.03	178.53	Tcr	BG141874	NM_013697		
1636	1424611_x_at	0.009167	534.23	425.47	Trub2	BG064045	NM_145520		
1637	1429291_at	0.009167	3002.93	2621.3	Pemr1	BM225206	NM_027357		
1638	1423293_at	0.009176	1082.3	929.83	Rpa1	BM244983	NM_026653		
1639	1439777_at	0.009212	3170.4	2703.93	B230218003	BB308170	NM_183219		
1640	1427973_s_at	0.009223	149.83	93.6	Cdc73	BB622571	NM_145991		
1641	1428341_at	0.009226	1087	750.67	Zfp655	BM230200	NM_028298		
1642	1426347_at	0.009294	737.93	604.6	2010321M09Rik	BM120802	NM_175153		
1643	1433859_at	0.0093	545.43	449.53	D030070L09Rik	BB207820	NM_172625		
1644	1429146_at	0.009303	1386.1	1026.33	6620401M08Rik	BF011349	XM_489178		
1645	1433893_s_at	0.009329	277.77	185.33	Spag5	BM208112	NM_017407		
1646	1437454_a_at	0.009334	5927.7	4949.37	Tyndcl4	LOC433144	AV103255		
1647	1419653_a_at	0.009342	7536.53	6611.97	Ddx5	NM_007840	NM_007840		
1648	1422649_at	0.009369	640.17	504.1	Chtn6	NM_017383	NM_017383		
1649	1434506_at	0.00937	435.23	354.07	Arid2	AV273623	NM_175251		

Table 11

1650	1423132_a_at	0.009381	1387.67	917.4	5730427N09Rik	LOC433230	BE308547	NM_021552	///	XM_484785
1651	1424873_at	0.009382	1539.93	960.3	Rnf2	BC020122	NM_011277			
1652	1424091_at	0.009393	573.5	422.87	AI449175	BC010277	NM_172754			
1653	1455434_a_at	0.009421	2035.17	1454.9	Kcn1	BF162017	NM_008477			
1654	1430474_a_at	0.009465	3060.6	2527.33	Mech2	AK007757	NM_019758			
1655	1417010_at	0.009467	11967.63	10356.67	Zfp238	NM_013915	NM_001012330	///	NM_013915	
1656	1444077_at	0.009472	1429.33	1247.93	---	BE993694	---			
1657	1425480_at	0.009489	1571.27	1456.37	Cnot61	BC018506	NM_144910	///	NM_178854	
1658	1439454_x_at	0.009496	2484.13	2060.37	Tm2d2	AV337733	NM_027194			
1659	1448558_a_at	0.009496	111.33	63.47	Pla2g4a	NM_008869	NM_008869			
1660	1438633_x_at	0.009498	3138.23	2185.23	Iaspl	BB377636	NM_010688			
1661	1434416_a_at	0.0095	933.57	759.87	---	BB022975	---			
1662	1437785_at	0.009517	142.93	59.7	Adamts9	AV364944	XM_620350			
1663	1428483_a_at	0.00952	202.67	146.37		2610039CT0Rik	AK012762	NM_025642		
1664	1428588_a_at	0.009531	2611.87	2336.33	Mpl41	BF134369	---			
1665	1436293_x_at	0.009546	4043.03	3718.73	Dlertd471e	AI852300	---			
1666	1451188_at	0.009548	2989.6	2453.7	Wdr26	BC020044	---			
1667	1451302_at	0.009561	505.47	383.63	1110012L19Rik	BC024574	NM_026787			
1668	1447992_s_at	0.009573	5591.27	4321.33	Pcsk2	AI839700	NM_008792			
1669	1455351_at	0.009577	842.37	642	AV023006	AV340615	---			
1670	1428582_at	0.009595	703.47	583.3	2010208K18Rik	AK008476	NM_028095			
1671	1448100_at	0.009603	4532	3865.27	4833439L19Rik	NM_133797	NM_133797			
1672	1434441_at	0.009617	187.63	142.6	1110018U18Rik	BB525584	NM_025370			
1673	1416207_at	0.009634	873.2	748.97	Taz	NM_133682	NM_181516			
1674	1457936_at	0.009634	2251.13	1901.93	Mapk8	BB184171	NM_016700			
1675	1426977_at	0.009687	1567.1	1382.17	Usp47	BG069271	NM_133758			
1676	1425001_at	0.009689	526.03	389.77	Echdc1	BC023104	NM_025855			
1677	1423740_a_at	0.009719	1700.97	1183.53	Rbm10	BE553944	NM_145627			
1678	1456012_x_at	0.009719	1213.33	794.37	Ruaset2	AV101824	NM_026611			
1679	1438423_at	0.009722	1255.7	869.9	Ssbp2	BB085949	NM_024186	///	NM_024272	
1680	1457467_at	0.009727	312.63	207.4	---	BB362579	---			
1681	1417356_at	0.009743	1476.7	1210.63	Peg3	AB003040	NM_001010988	///	NM_008817	
1682	1417768_at	0.009746	4247.47	3299.97		1200006019Rik	BC019364	NM_026164		
1683	1453125_at	0.009747	598.97	312.5	Sox11	BM508495	NM_009234			
1684	1451611_at	0.009756	444.73	296.97	Hras1s3	BC024581	NM_139269			
1685	1426407_at	0.009761	9967.47	7096.6	Cugbp1	BI412951	NM_017368	///	NM_198683	
1686	1454715_at	0.009765	3288.53	2723.87		0710005M24Rik	BB170143	NM_178631		
1687	1448265_x_at	0.009767	95	35.57	Eval1	BC015076	NM_007962			
1688	1418127_a_at	0.009769	873.8	655.5	Pdcdb8	BC003292	NM_012019			
1689	1433664_at	0.009778	1376.33	1109.77	3010021M21Rik	BM202586	NM_180600			



Table 11

1690	1455759_a_at	0.009784	182.4	133.47	Ankhd1	BM243710	---
1691	1434440_at	0.0098	5532.4	4589.33	Gnai1	BQ174580	NM_010305
1692	1416680_at	0.009811	3204.8	2637.4	Ube3a	AK018443	NM_001033962 /// NM_011668 /// NM_173010
1693	1454652_at	0.009811	4874.87	4090.13	Zfp265	AV221867	NM_017381
1694	1454604_s_at	0.009812	251.77	155.93	Tspanl2	BB072896	NM_173007
1695	1455669_at	0.009815	372.7	320.37	Wdr19	AI415371	NM_153391
1696	1422453_at	0.009851	4552.03	3979.93	Prpf8	NM_138659	NM_138659
1697	1434958_at	0.009854	1435.6	1220.73	Sacs	BG075163	NM_015788
1698	1429041_at	0.009855	316.33	258.8	LOC436177	BE692399	XM_488300
1699	1422473_at	0.009864	2403.43	1732.37	Pde4b	BM246564	NM_019840
1700	1449278_at	0.009868	918.27	768.1	B1f2ak3	NM_010121	NM_010121
1701	1436900_x_at	0.009874	714.17	521.47	Leprot	AV156961	NM_175036
1702	1448895_a_at	0.009887	2390.83	1964.23	Ctnna2	NM_009819	NM_009819 /// NM_145732
1703	1455994_x_at	0.009897	491.83	380.87	Elovl1	BB145065	NM_019422
1704	1428920_at	0.009908	217.8	124.43	Hmg20a	AI987819	NM_025812
1705	1448212_at	0.009915	806.77	590.63	Thfsf5ip1	NM_134138	NM_134138
1706	1448955_s_at	0.009928	7463.3	6083.3	Cadps	NM_012061	NM_012061
1707	1429211_at	0.009929	5670	4068.87	2900078E1R1k	AK013801	---
1708	1433667_at	0.009929	1869.27	1496.73	Lg13	BB187947	NM_145219
1709	1440818_s_at	0.009931	1703.3	1266.2	Sf3b1	BB161546	NM_031179
1710	1455297_at	0.009933	428.1	326.77	Spin2	BG070258	NM_001005370
1711	1455346_at	0.009934	442.77	329.7	Maspl	BB477214	NM_008555
1712	1423084_at	0.009956	393.3	264.47	B3gal1t2	BB223909	NM_020025
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1714	1421904_at	0.009965	838.77	748.27	Ncca6ip	BM233196	NM_054089
1715	1437087_at	0.009978	3538.8	2964.6	---	AV079268	---
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1717	1438396_at	0.00999	552.63	394.03	Ocr1	BB751120	NM_177215
1718	1436737_a_at	0.009993	1682.77	1144.83	Sorbs1	BB737680	NM_001034962 /// NM_001034963 ///
1719	1455470_x_at	0.009998	6182.23	4303.17	Laspl	AV027151	NM_010688

We claim:

1. A method for modifying plasticity or aiding restoration of function in the nervous system of a subject comprising the step of:  
administering a plasticity-modifying agent to a subject in need thereof, wherein the agent is administered either alone or in combination with one or more additional agents in an amount effective to modify nervous system plasticity, wherein the plasticity-modifying agent modulates a gene or pathway that is differentially regulated in at least a portion of the nervous system of an individual subjected to a plasticity-modifying condition.
2. The method of claim 1, wherein the condition is a neurodevelopmental disorder.
3. The method of claim 2, wherein the neurodevelopmental disorder is selected from the group consisting of autism, Rett Syndrome, Fragile X syndrome, tuberous sclerosis, or autism spectrum disorder.
4. The method of claim 1, wherein the condition is a neuropsychiatric disorder.
5. The method of claim 3, wherein the neuropsychiatric disorder is selected from the group consisting of schizophrenia and bipolar disorder.
6. The method of claim 1, wherein the condition is trauma to the nervous system caused by a condition such as stroke.
7. The method of claim 1, wherein the plasticity-modifying condition comprises dark rearing (DR) or monocular deprivation (MD).
8. The method of claim 1, wherein the plasticity-modifying agent is IGF1 or a modulator of the IGF1 pathway.
9. The method of claim 1, wherein the plasticity-modifying agent is a modulator of the JAK/STAT pathway.
10. The method of claim 1, wherein the plasticity-modifying agent is IFN $\gamma$ .
11. The method of claim 1, wherein the plasticity-modifying agent is a statin.

12. The method of claim 1, which comprises administering a first agent that activates the IGF1 pathway and a second agent that activates the JAK/STAT pathway.
13. The method of claim 1, wherein the plasticity-modifying agent inhibits development, survival, or activity of parvalbumin expressing interneurons.
14. The method of claim 1, wherein the plasticity-modifying agent inhibits expression or activity of parvalbumin.
15. The method of claim 1, wherein the plasticity-modifying agent is delivered in an amount effective to enhance the capacity of the nervous system, or a portion thereof, to restore lost function in an activity-dependent manner or in response to a second agent.
16. The method of claim 1, wherein the plasticity-modifying agent is administered to a subject who has suffered damage to the nervous system or has been diagnosed with a disorder of the nervous system, and is administered in an amount and for a time effective to promote nervous system recovery, reorganization, or function.
17. The method of claim 1, wherein the step of administering comprises steps of:
  - (1) administering a first plasticity-modifying agent to a subject following an event that damages the brain or spinal cord or following diagnosis of a neuropsychiatric or neurodevelopmental disorder for a first period of time;
  - (2) administering a second plasticity-modifying agent to the subject for a second period of time, wherein the second period of time is separate from the first period of time.
18. The method of claim 1, wherein the period of time begins within 24 hours following the event that damages the brain or spinal cord or following diagnosis of a neuropsychiatric or neurodevelopmental disorder.
19. The method of claim 1, wherein the period of time begins within 1 week following the event that damages the brain or spinal cord or following diagnosis of a neuropsychiatric or neurodevelopmental disorder.
20. The method of claim 1, wherein the period of time begins within 4 weeks following the event that damages the brain or spinal cord or following diagnosis of a neuropsychiatric or neurodevelopmental disorder.

21. The method of claim 1, wherein the period of time begins within 6 months following the event that damages the brain or spinal cord or following diagnosis of a neuropsychiatric or neurodevelopmental disorder.
22. The method of claim 1, wherein the period of time begins within 1 year following the event that damages the brain or spinal cord or following diagnosis of a neuropsychiatric or neurodevelopmental disorder.
23. The method of claim 1, wherein the period of time begins within 2 years following the event that damages the brain or spinal cord or following diagnosis of a neuropsychiatric or neurodevelopmental disorder.
24. The method of claim 1, wherein the period of time begins within 5 years following the event that damages the brain or spinal cord or following diagnosis of a neuropsychiatric or neurodevelopmental disorder.
25. The method of claim 1, wherein the period of time begins within 10 years following the event that damages the brain or spinal cord or following diagnosis of a neuropsychiatric or neurodevelopmental disorder.
26. The method of claim 17, wherein the first period of time ends upon response of the subject to the administration of the first plasticity-modifying agent.
27. The method of claim 17, wherein the first period of time ends when the subject has reached at least one desired endpoint or treatment milestone.
28. The method of claim 17, wherein the time between the end of the first period of time and the beginning of the second period of time is at least 1 week.
29. The method of claim 17, wherein the time between the end of the first period of time and the beginning of the second period of time is at least 4 weeks.
30. The method of claim 17, wherein the time between the end of the first period of time and the beginning of the second period of time is at least 6 months.
31. The method of claim 17, wherein the time between the end of the first period of time and the beginning of the second period of time is at least 1 year.

32. The method of claim 17, wherein the time between the end of the first period of time and the beginning of the second period of time is at least 2 years.
33. The method of claim 17, wherein the time between the end of the first period of time and the beginning of the second period of time is at least 5 years.
34. The method of claim 17, wherein the time between the end of the first period of time and the beginning of the second period of time is at least 10 years.
35. The method of claim 17, wherein steps 1-2 are repeated until the subject has reached at least one desired endpoint or treatment milestone.
36. The method of claim 17, wherein the first plasticity-modifying agent is identical to the second plasticity-modifying agent.
37. The method of claim 17, wherein the first plasticity-modifying agent is not identical to the second plasticity-modifying agent.
38. The method of claim 1, wherein the plasticity-modifying agent is administered between 24 hours and 10 years following an event that damages the brain or spinal cord or following diagnosis of a neuropsychiatric or neurodevelopmental disorder.
39. The method of claim 1, wherein the plasticity-modifying agent is administered between 1 week and 10 years following a following an event that damages the brain or spinal cord or following diagnosis of a neuropsychiatric or neurodevelopmental disorder.
40. The method of claim 1, wherein the plasticity-modifying agent is administered between 4 weeks and 10 years following a following an event that damages the brain or spinal cord or following diagnosis of a neuropsychiatric or neurodevelopmental disorder.
41. The method of claim 1, wherein the plasticity-modifying agent is administered between 5 years and 10 years following a following an event that damages the brain or spinal cord or following diagnosis of a neuropsychiatric or neurodevelopmental disorder.
42. The method of claim 1, wherein the plasticity-modifying agent is administered either continuously or intermittently for at least 1 week following an event that damages the brain or spinal cord or following diagnosis of a neuropsychiatric or neurodevelopmental disorder.

43. The method of claim 1, wherein the plasticity-modifying agent is administered systemically.
44. The method of claim 43, wherein the systemic administration is selected from the group consisting of oral, intravenous, intramuscular, subcutaneous, transdermal, nasal, and pulmonary administration.
45. The method of claim 1, wherein the plasticity-modifying agent is administered focally.
46. The method of claim 1, wherein the plasticity-modifying agent is administered by implanting into the subject a drug delivery device that releases the agent over a period of time at or in the vicinity of a desired location in the central or peripheral nervous system.
47. The method of claim 46, wherein the desired location is an area that shows evidence of ischemic, hemorrhagic, neoplastic, degenerative, traumatic, or neurodevelopmental damage in the central or peripheral nervous system, or is located in a brain hemisphere opposite to an area that shows evidence of such damage.
48. The method of claim 46, wherein the drug delivery device comprises a pump.
49. The method of claim 46, wherein the drug delivery device comprises a biocompatible polymer.
50. The method of claim 49, wherein the polymer is biodegradable.
51. The method of claim 1, wherein the composition comprises a plurality of polymeric microparticles or nanoparticles having the plasticity-modifying agent associated therewith.
52. The method of claim 1, wherein the plasticity-modifying agent is delivered in a solution that forms a gel following contact with physiological fluids.
53. The method of claim 1, wherein the plasticity-modifying agent is delivered in an amount effective to inhibit neural deterioration that would otherwise occur as a result of loss of inputs.

54. The method of claim 1, wherein the plasticity-modifying agent is delivered in an amount effective to promote growth or sprouting of axons, promote structural reorganization of synaptic connections, increase formation of new synaptic connections, increase dendritic spine motility, stabilize synaptic connections, or any combination of the foregoing.
55. The method of claim 1, wherein the composition is administered by injecting or infusing it at or in the vicinity of a desired location in the central or peripheral nervous system.
56. The method of claim 1, wherein the composition is administered intrathecally.
57. The method of claim 1, further comprising administering a proteolysis-enhancing agent to the subject.
58. The method of claim 57, wherein the proteolysis-enhancing agent is a protease.
59. The method of claim 57, wherein the proteolysis-enhancing agent is plasmin, a plasminogen activator, or an inhibitor of an endogenous plasminogen activator inhibitor.
60. The method of claim 57, wherein the proteolysis-enhancing agent is tissue plasminogen activator (tPA).
61. The method of claim 57, wherein the proteolysis-enhancing agent promotes degradation of a component of the extracellular matrix.
62. The method of claim 57, wherein the proteolysis-enhancing agent is administered focally.
63. The method of claim 62, wherein focal delivery is achieved by implanting a drug delivery device comprising a biocompatible polymer and the proteolysis-enhancing agent into the nervous system of the subject at or in the vicinity of an area of damage.
64. The method of claim 62, wherein the plasticity-modifying agent and the proteolysis-enhancing agent are administered as components of a single composition.

65. The method of claim 1, further comprising administering an agent selected from the group consisting of neural growth enhancing agents, which are optionally selected from among neurotransmitters or analogs thereof, neurally active growth factors, neural signaling molecules, neurally active small molecules, and neurally active metals.
66. The method of claim 1, further comprising the step of:  
engaging the subject in a program of rehabilitation designed to promote functional recovery following damage to the nervous system, wherein the subject is so engaged during at least part of the time interval during which the agent is administered or remains present in the nervous system of the subject.
67. A method for promoting recovery or reorganization in the nervous system of a subject comprising the step of:  
administering a plasticity-modifying agent to a subject in need thereof, wherein the agent is administered either alone or in combination with one or more additional agents in an amount effective to promote recovery or reorganization in the nervous system, wherein the plasticity-modifying agent modulates a gene or pathway that is differentially regulated in at least a portion of the nervous system of an individual subjected to a plasticity-modifying condition.
68. The method of claim 67, wherein the plasticity-modifying condition comprises dark rearing (DR) or monocular deprivation (MD).
69. The method of claim 67, wherein the plasticity-modifying agent is a modulator of the IGF1 pathway.
70. The method of claim 67, wherein the plasticity-modifying agent is a modulator of the JAK/STAT pathway.
71. The method of claim 67, wherein the plasticity-modifying agent is IFN $\gamma$ .
72. The method of claim 67, wherein the plasticity-modifying agent is a statin.
73. The method of claim 67, which comprises administering a first agent that activates the IGF1 pathway and a second agent that modulates the JAK/STAT pathway.



74. The method of claim 67, wherein the plasticity-modifying agent inhibits development, survival, or activity of parvalbumin expressing interneurons.
75. The method of claim 67, wherein the plasticity-modifying agent inhibits expression or activity of parvalbumin.
76. The method of claim 67, wherein the plasticity-modifying agent is delivered in an amount effective to enhance the capacity of the nervous system, or a portion thereof, to restore lost function in an activity-dependent manner or in response to a second agent.
77. The method of claim 67, further comprising administering a proteolysis-enhancing agent to the subject.
78. A method for promoting recovery or reorganization in the nervous system of a subject in need thereof comprising the step of:
  - administering to the subject a proteolysis-enhancing agent and an agent selected from the group consisting of: agents that activate the IGF1 pathway, agents that activate the JAK/STAT pathway, agents that inhibit the development, survival, or activity of parvalbumin expressing interneurons, and agents that inhibit the expression of parvalbumin, wherein the proteolysis-enhancing agent is administered at least 3, 6, 12, 24, or more hours after a specific damaging event or diagnosis of a disorder and optionally also prior to 3 hours after the specific damaging event or diagnosis of a disorder.
79. A drug delivery device for implantation into the nervous system of a subject, the drug delivery device comprising:
  - a biocompatible polymer; and
  - a plasticity-modifying agent, wherein the plasticity-modifying agent is released from the polymer in an amount effective to modify plasticity in the nervous system of the subject.
80. The drug delivery device of claim 79, wherein the biocompatible polymer is biodegradable.
81. The drug delivery device of claim 79, wherein the plasticity-modifying agent is selected from the group consisting of: activators of the IGF1 pathway, modulators of the JAK/STAT pathway, substances that inhibit survival or activity of parvalbumin

expressing interneurons in the brain, and substances that inhibit expression or activity of parvalbumin.

82. The drug delivery device of claim 79, wherein the proteolysis-enhancing agent is selected from the group consisting of: plasmin, a plasminogen activator, or an inhibitor of an endogenous plasminogen activator inhibitor.
83. A composition comprising a plasticity-modifying agent and a proteolysis-enhancing agent.
84. The composition of claim 83, wherein the plasticity-modifying agent is selected from the group consisting of: activators of the IGF1 pathway, activators of the JAK/STAT pathway, substances that inhibit survival or activity of parvalbumin expressing interneurons in the brain, and substances that inhibit expression or activity of parvalbumin.
85. The composition of claim 83, wherein the proteolysis-enhancing agent is selected from the group consisting of: tissue plasminogen activator, plasmin, and inhibitors of tissue plasminogen activator.
86. A method of identifying a gene involved in plasticity comprising steps of:
  - evaluating an individual in or subjecting an individual to a condition that modifies nervous system plasticity;
  - measuring level or activity of each of a plurality of genes in at least a portion of the individual's nervous system; and
  - identifying one or more genes whose expression or activity is differentially regulated in the portion of the individual's nervous system relative to its expression or activity under alternative conditions.
87. The method of claim 86, wherein the condition comprises depriving at least a portion of the individual's nervous system of normal inputs.
88. The method of claim 86, wherein the nervous system is deprived of normal inputs during at least a portion of a critical period.
89. The method of claim 86, wherein the level of expression of each of a plurality of genes is measured by measuring levels of multiple different mRNAs with a microarray.

90. The method of claim 86, wherein the step of identifying is performed using a method that evaluates expression or activity in a highly parallel manner.
91. The method of claim 86, which comprises comparing the expression or activity of each of a plurality of genes in at least a portion of the individual's nervous system with the expression or activity of those genes in a subject maintained under normal conditions.
92. The method of claim 86, which comprises comparing the expression or activity of each of a plurality of genes in at least a portion of the individual's nervous system under a first deprived condition with the expression or activity of those genes in a subject maintained under a second deprived condition.
93. The method of claim 86, which comprises comparing the expression or activity of each of a plurality of genes in at least a portion of the nervous system of an individual who has been subjected to a deprived condition with the expression or activity of those genes in an individual maintained under an enriched condition.
94. The method of claim 86, which comprises comparing the expression or activity of each of a plurality of genes in at least a portion of the individual's nervous system that has been subjected to a plasticity-modifying condition with the expression or activity of those genes in an oppositely located portion of the individual's nervous system not subjected to a plasticity-modifying condition.
95. The method of claim 86, which comprises comparing the expression or activity of each of a plurality of genes in a portion of the individual's nervous system that has been subjected to a deprived condition with the expression or activity of those genes in an oppositely located portion of the individual's nervous system that has not been subjected to a deprived condition.
96. The method of claim 86, further comprising identifying a biological pathway or process enriched in genes that are differentially regulated in at least a portion of the nervous system of the individual.
97. The method of claim 86, further comprising storing information identifying at least one of the genes on a computer readable medium.

98. The method of claim 86, further comprising:
  - administering an agent that modulates the gene to an individual; and
  - determining whether the agent modifies plasticity.
99. The method of claim 86, further comprising:
  - administering an agent that modulates the gene to an individual who has suffered nervous system damage; and
  - determining whether the agent improves structural or functional recovery of the individual's nervous system.
100. A computer readable medium that stores information that identifies a set of genes whose expression or activity is differentially regulated in an individual subjected to a condition that modifies plasticity.
101. The computer readable medium of claim 78, wherein the computer readable medium further stores information that includes the absolute or relative level of expression or activity of the gene under the condition.

Fig. 1

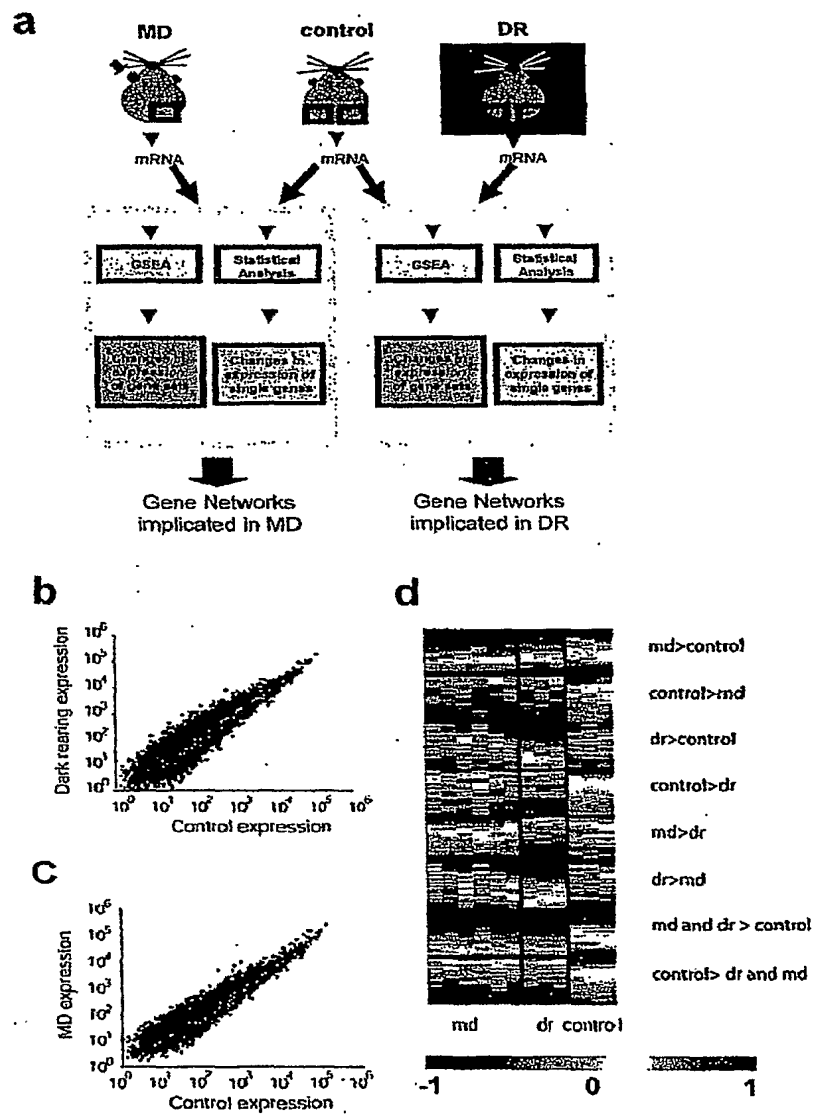


Fig. 2.

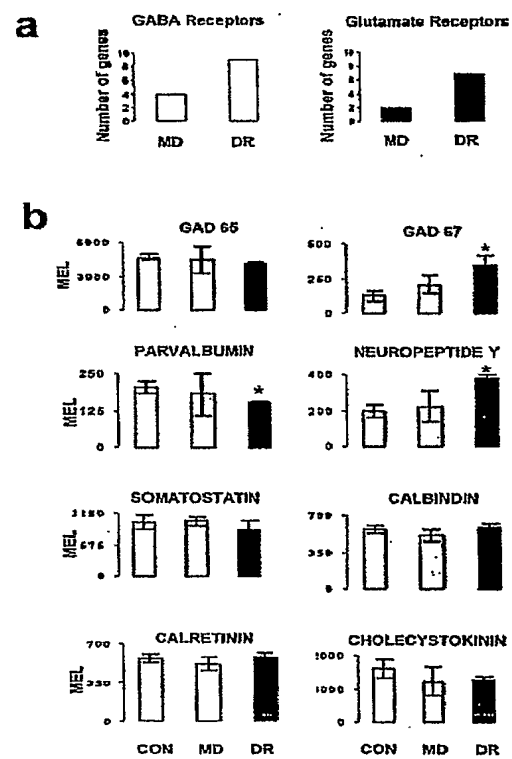


Fig. 3

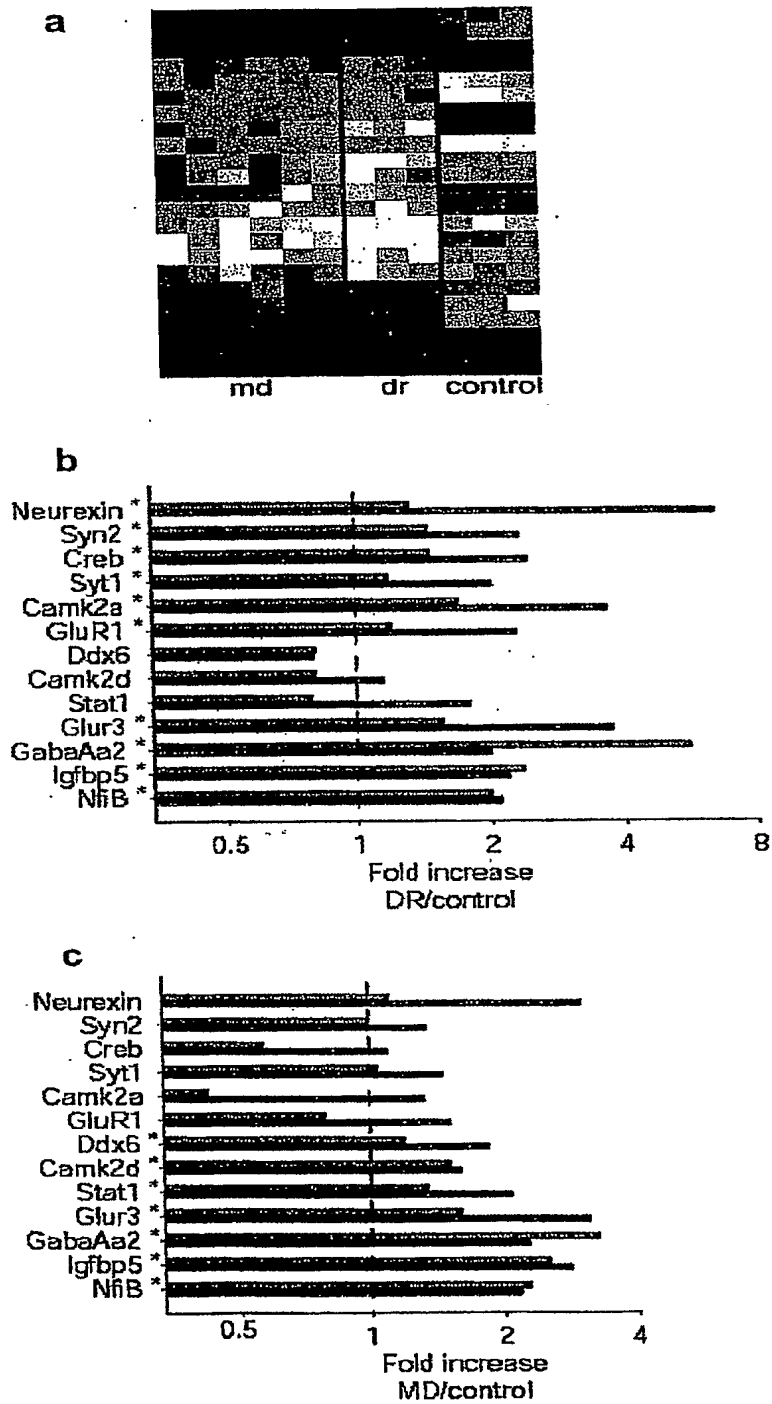


Fig. 4

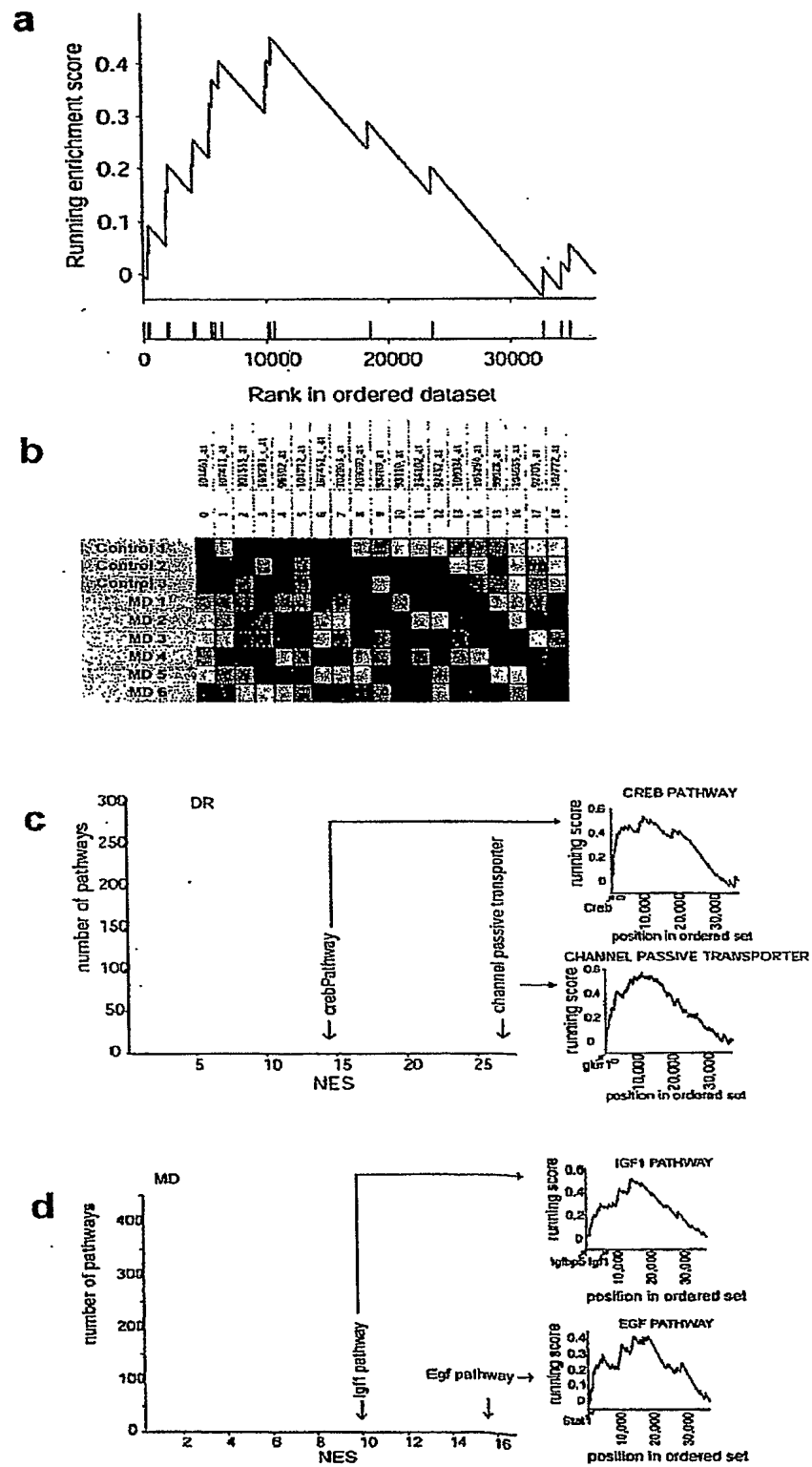




Fig. 5

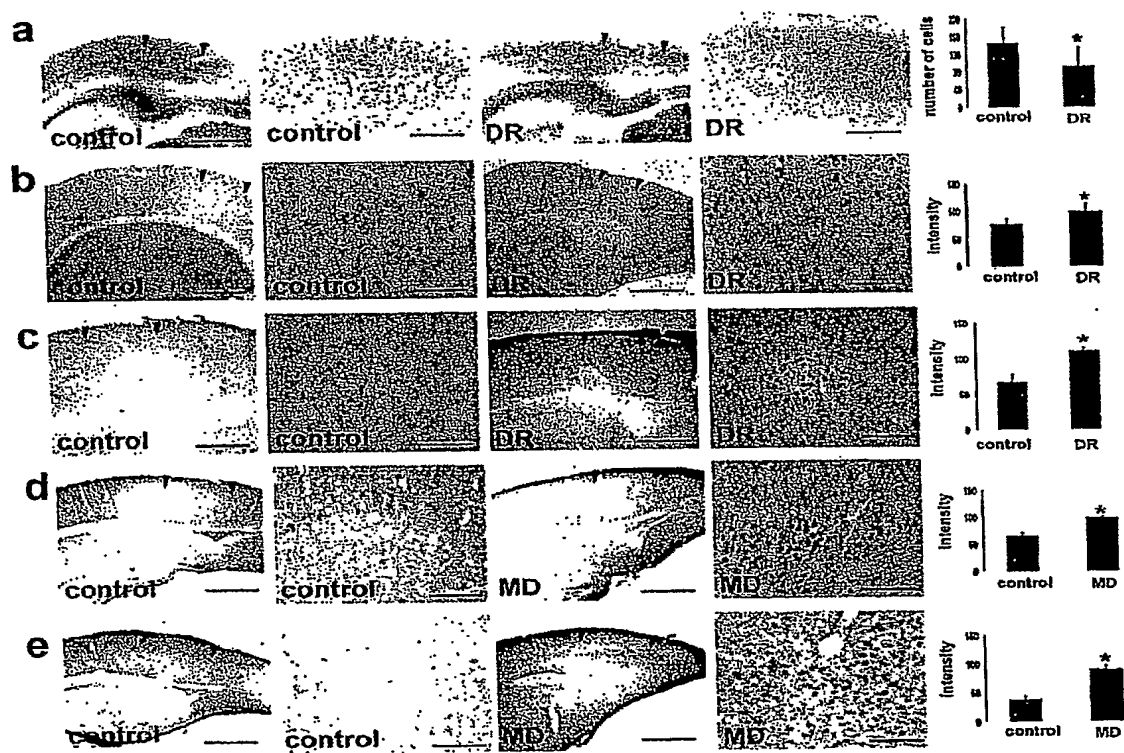


Fig. 6

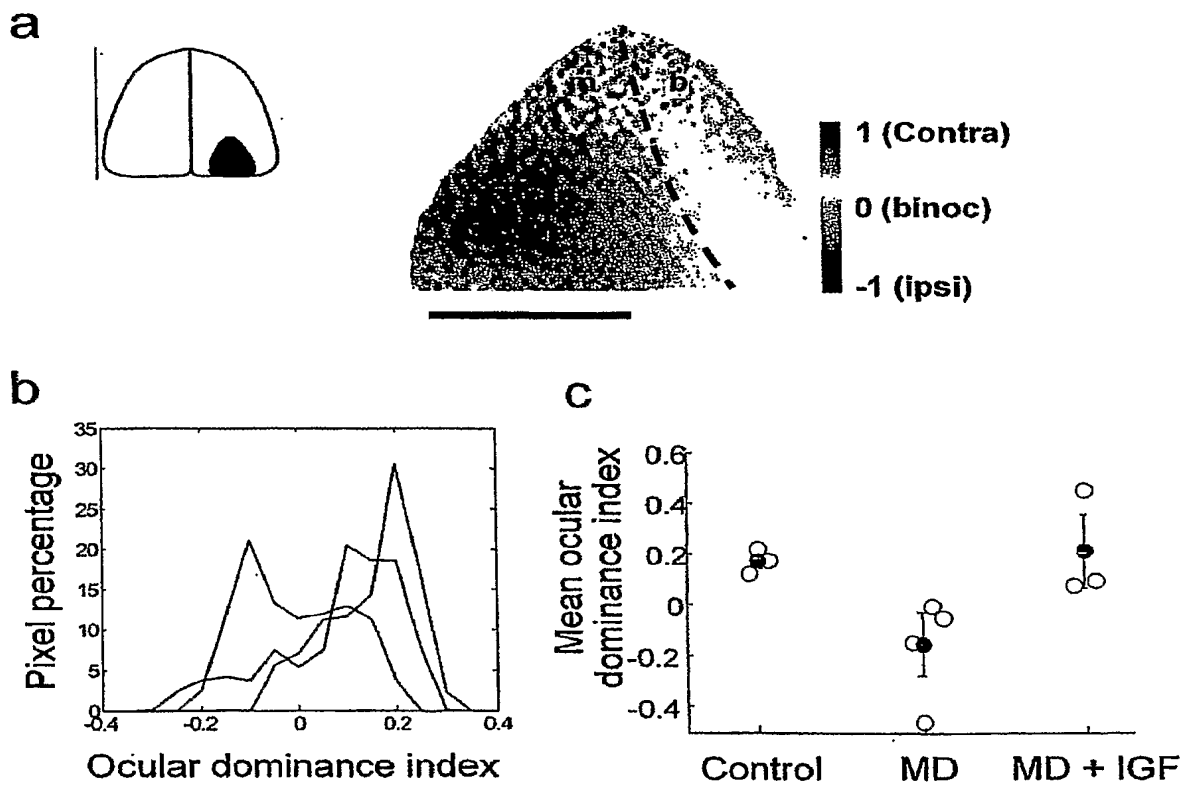
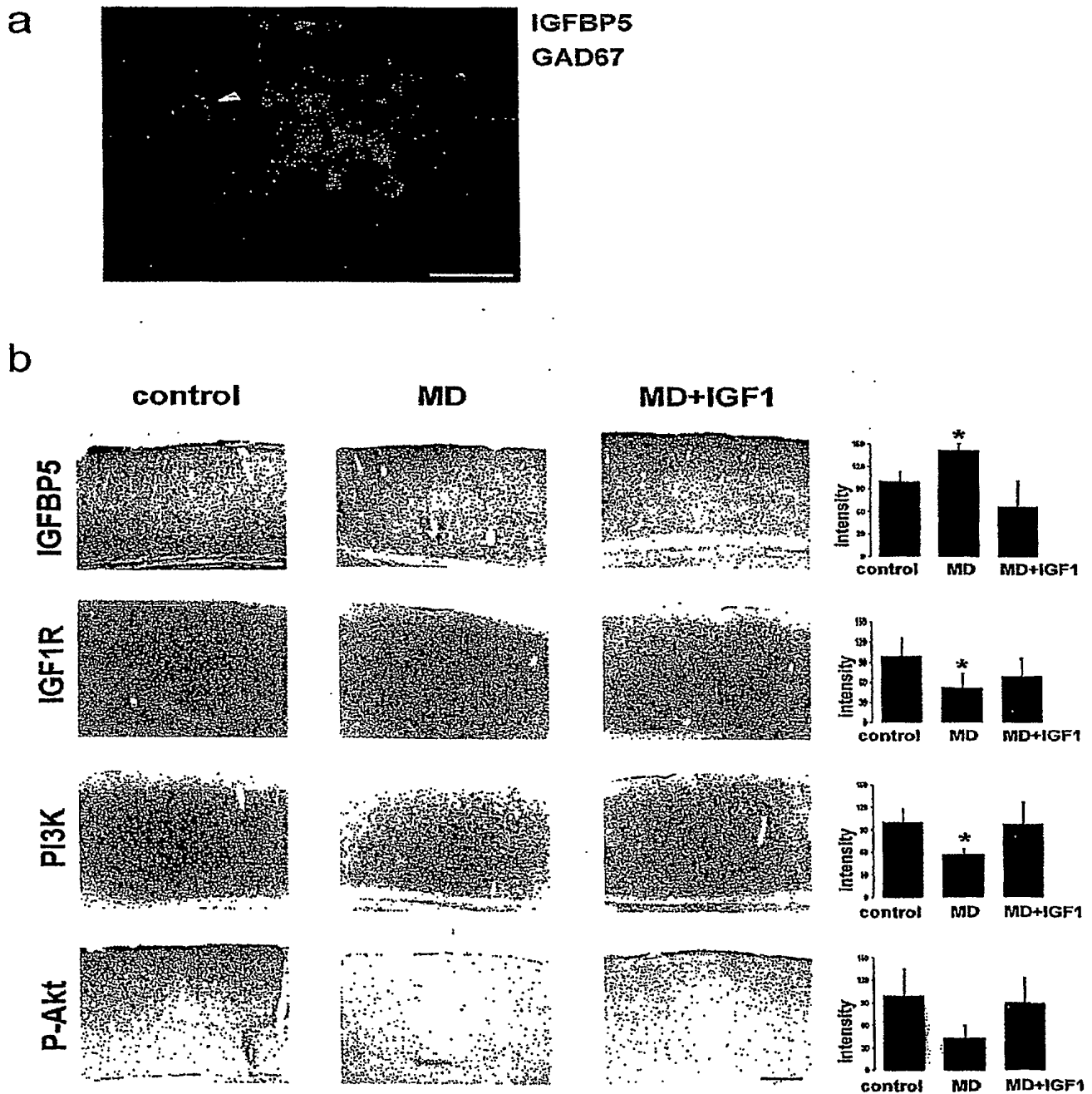


Fig. 7



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(54) Title: IDENTIFYING AND MODULATING MOLECULAR PATHWAYS THAT MEDIATE NERVOUS SYSTEM PLASTICITY

(57) Abstract: The present invention provides methods for identifying genes and pathways involved in plasticity. The invention applies some of these methods to identify genes that are differentially regulated in at least a portion of the nervous system of an individual subjected to conditions known to result in altered nervous system plasticity, i.e., dark rearing (DR) or monocular deprivation (MD). The genes are targets for pharmacological agents that modify plasticity. The invention also identifies biological pathways that are enriched in genes that are differentially regulated under conditions known to result in altered nervous system plasticity. The present invention further provides methods and compositions for modifying plasticity in the nervous system of a subject. The invention includes a method for modifying plasticity in the nervous system of a subject comprising administering a plasticity-modifying agent to the subject, wherein the plasticity-enhancing agent modulates a gene or pathway that is differentially regulated in developmental conditions that alter nervous system plasticity (e.g., DR or MD). The methods and compositions may be administered to a subject suffering from damage to the nervous system or from a neuropsychiatric disorder in order to enhance recovery, reorganization, or function of the nervous system. The methods optionally include administering a proteolysis-enhancing agent to the subject.



WO 2007/120847 A3

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/09172

## A. CLASSIFICATION OF SUBJECT MATTER

IPC: A61K 35/30( 2006.01),38/00( 2006.01)

USPC: 514/2;424/570;977/915;435/811

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 514/2; 424/570; 977/915; 435/811

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Please See Continuation Sheet

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DLUZNIEWSKA J. et al. A strong neuroprotective effect of the autonomous C-terminal peptide of IGF-1 Ec (MGF) in brain ischemia. The Faseb Jour. September 2005, Vol 19, No. 11, pages 1-21, especially abstract,	1, 15, 16, 54, 67
X	CHEN et al. Statins induce angiogenesis, neurogenesis, and synaptogenesis after stroke. Ann Neurol. June 2003, Vol 53. No. 6, pages 743-751. especially abstract,	1, 11, 15-16, 43-44, 54, 67, 72
A	VEMUGANTI et al. Gene expression analysis of spontaneously hypertensive rat cerebral cortex following transient focal cerebral ischemia. Jour Neurochem. December 2002, Vol 83. No. 5, pages 1072-1086, the entire article.	1-78
A	BENTLEY et al. Pharmacological treatment of ischemic stroke. Pharmacol Therap. December 2005, Vol 108. No. 3, pages 334-352.	1-78
A	WOO et al. Regulation of cortical interneurons by neurotrophins: from development to cognitive disorders. The Neuroscientist. 2006, Vol 12, No. 1, pages 43-56, the entire article.	1-78



Further documents are listed in the continuation of Box C.



See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T"

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X"

document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y"

document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&"

document member of the same patent family

Date of the actual completion of the international search

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Authorized officer

Aaditi Dutt

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/09172

## Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of any additional fees.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: 1-78

- Remark on Protest**
- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
  - ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
  - ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US07/09172

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	TROPEA et al. Gene expression changes and molecular pathways mediating activity-dependent plasticity in visual cortex. Nat Neurosc. May 2006, Vol 9, No. 5, pages 660-668, Inventor's publication.	1-78
A	LAPCHAK et al. Advances in hemorrhagic stroke therapy: conventional and novel approaches. Expert Opin Emerging drugs. 2007, Vol 12, No. 3, pages 389-406, especially pages 396, 397.	1-78

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.  
PCT/US07/09172

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1. In order for all inventions to be examined, the appropriate additional examination fees must be paid.

Group I, claim(s) 1-78, drawn to a method for modifying plasticity by administering a plasticity modifying agent to a subject.

Group II, claim(s) 79-82, drawn to a drug delivery device for implantation into the nervous system.

Group III, claim(s) 83-85, drawn to a composition comprising plasticity modifying agent and a proteolysis enhancing agent.

Group IV, claim(s) 86-99, drawn to a method of identifying a gene involved in plasticity.

Group V, claim(s) 100-101, drawn to a computer readable medium for storing information.

1. This International Searching Authority considers that the international application does not comply with the requirements of unity of invention (Rules 13.1, 13.2 and 13.3) for the reasons indicated below:

The inventions listed as Groups I-II do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons:

Group I recites the special technical feature of modifying plasticity by administering a plasticity modifying agent to a subject, which is not required by the methods or products of Groups II-V.

Group II recites the special technical feature of a drug delivery device for implantation into the nervous system, which is not required by the method or products of Groups I and III-V.

Group III recites the special technical feature of a composition comprising plasticity modifying agent and a proteolysis enhancing agent, which is not required by the methods or products of Groups I-II and IV-V.

Group IV recites the special technical feature of identifying a gene involved in plasticity, which is not required by the methods or products of Groups I-III and V.

Group V recites the special technical feature of a computer readable medium for storing information, which is not required by the methods or products of Groups I-IV.



## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US07/09172

### Continuation of B. FIELDS SEARCHED Item 3:

STN (BIOSIS, MEDLINE, SCISEARCH, DISSABS); WEST (PGPB, USPT, USOC, DERWENT, EPAB, JPAB). Search terms: plasticity, nervous system, IGF1, insulin like growth factor 1, interferon gamma, statin, stroke, dark rearing, monocular deprivation, autism, rett syndrome, bipolar disorder, schizophrenia, parvalbumin, plasmin, tissue plasminogen activator, inventor names.